Segment	End Use	Measure Name	Measure Description	Baseline Description	Unit Description	Construction Vintage	Savings per Unit (kWh)	Measure Life	Incrmental Cost per Unit	Measure Applicability	2023 Economic Potential (MWh)
Low Income	Computer	Computer - Home Office ENERGY	ENERGY STAR Office Computer	Standard Office Computer	Per Unit	Existing	76.64	4	$ 9	100%	1,397
Low Income	Computer	Computer - Home Office ENERGY	ENERGY STAR Office Computer	Standard Office Computer	Per Unit	New	76.64	4	$ 9	100%	101
Low Income	Computer	Computer - Home Office Standard	Standard Office Computer	Standard Office Computer	Per Unit	Existing	-	4	$ -	100%	-
Low Income	Computer	Computer - Home Office Standard	Standard Office Computer	Standard Office Computer	Per Unit	New	-	4	$ -	100%	-
Low Income	Cooking	Oven - Convection	Convection Oven	Standard Oven	Per Unit	Existing	102.21	19	$ 177	100%	-
Low Income	Cooking	Oven - Convection	Convection Oven	Standard Oven	Per Unit	New	102.21	19	$ 177	100%	-
Low Income	Cooking	Oven - Standard	Standard Oven	Standard Oven	Per Unit	Existing	-	19	$ -	100%	-
Low Income	Cooking	Oven - Standard	Standard Oven	Standard Oven	Per Unit	New	-	19	$ -	100%	-
Low Income	Cooking	Cooking Range - Standard	Standard Cooking Range	Standard Cooking Range	Per Unit	Existing	-	19	$ -	100%	-
Low Income	Cooking	Cooking Range - Standard	Standard Cooking Range	Standard Cooking Range	Per Unit	New	-	19	$ -	100%	-
Low Income	Cool Central	Attic Fan	Attic Fan For Summer Cooling	No Attic Fan with Central Cooling	Per Attic Fan	Existing	66.43	19	$ 249	82%	1,134
Low Income	Cool Central	Central Air Conditioners - Below	Below Standard SEER 10	Below Standard SEER 10	Per Household	Existing	-	8	$ -	100%	-
Low Income	Cool Central	Central Air Conditioners - Below	Below Standard SEER 10	Below Standard SEER 10	Per Household	New	-	8	$ -	100%	-
Low Income	Cool Central	Central Air Conditioners - CEE Tier 2	CEE Tier 2 SEER/EER 15/12.5 (Split System)	Federal Standard 13 SEER	Per Household	Existing	160.00	15	$ 476	100%	-
Low Income	Cool Central	Central Air Conditioners - CEE Tier 2	CEE Tier 2 SEER/EER 15/12.5 (Split System)	Federal Standard 13 SEER	Per Household	New	109.47	15	$ 476	100%	-
Low Income	Cool Central	Central Air Conditioners - CEE Tier 3	CEE Tier 3 SEER/EER 16/13 (Split System)	Federal Standard 13 SEER	Per Household	Existing	225.00	15	$ 714	100%	2,528
Low Income	Cool Central	Central Air Conditioners - CEE Tier 3	CEE Tier 3 SEER/EER 16/13 (Split System)	Federal Standard 13 SEER	Per Household	New	153.94	15	$ 714	100%	-
Low Income	Cool Central	Central Air Conditioners - ENERGY	ENERGY STAR SEER/EER 14.5/12 (Split	Federal Standard 13 SEER	Per Household	Existing	124.14	15	$ 357	100%	-
Low Income	Cool Central	Central Air Conditioners - ENERGY	ENERGY STAR SEER/EER 14.5/12 (Split	Federal Standard 13 SEER	Per Household	New	84.93	15	$ 357	100%	-
Low Income	Cool Central	Central Air Conditioners - Enhanced	Enhanced SEER/EER 18/14 (Split System)	Federal Standard 13 SEER	Per Household	Existing	333.33	15	$ 1,192	100%	-
Low Income	Cool Central	Central Air Conditioners - Enhanced	Enhanced SEER/EER 18/14 (Split System)	Federal Standard 13 SEER	Per Household	New	228.06	15	$ 1,192	100%	-
Low Income	Cool Central	Central Air Conditioners - Standard	Federal Standard SEER 13	Federal Standard 13 SEER	Per Household	Existing	-	15	$ -	100%	-
Low Income	Cool Central	Central Air Conditioners - Standard	Federal Standard SEER 13	Federal Standard 13 SEER	Per Household	New	-	15	$ -	100%	-
Low Income	Cool Central	Cool Roofs	Lighter Colored Shingles (White)	Standard Roof Shingles	Per Roof SqFT	Existing	0.33	20	$ 0	21%	-
Low Income	Cool Central	Cool Roofs	Lighter Colored Shingles (White)	Standard Roof Shingles	Per Roof SqFT	New	0.23	20	$ 0	21%	-
Low Income	Cool Central	Doors	ENERGY STAR Door (R-4.8)	Standard Code Door (R-2.9)	Per Door SqFt	Existing	0.34	20	$ 1	32%	46
Low Income	Cool Central	Doors	ENERGY STAR Door (R-4.8)	Standard Code Door (R-2.9)	Per Door SqFt	New	0.25	20	$ 1	32%	2
Low Income	Cool Central	Doors	Thermal Door (R-10)	Standard Code Door (R-2.9)	Per Door SqFt	Existing	0.62	20	$ 3	40%	101
Low Income	Cool Central	Doors	Thermal Door (R-10)	Standard Code Door (R-2.9)	Per Door SqFt	New	0.44	20	$ 3	40%	5
Low Income	Cool Central	Duct Sealing	4 CFM/100sqft of CFA	8 CFM/100sqft of CFA	Per Duct Sealing Installation	New	40.91	18	$ 333	54%	-
Low Income	Cool Central	Duct Sealing	4 CFM/100sqft of CFA	Existing CFM/100sqft of CFA	Per Duct Sealing Installation	Existing	179.38	18	$ 960	24%	741
Low Income	Cool Central	Duct Sealing	8 CFM/100sqft of CFA	Existing CFM/100sqft of CFA	Per Duct Sealing Installation	Existing	119.59	18	$ 587	54%	1,187
Low Income	Cool Central	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof sqft	New	0.09	30	$ 13	88%	-
Low Income	Cool Central	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	Existing	119.59	11	$ 612	13%	-
Low Income	Cool Central	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	New	53.18	11	$ 612	20%	-
Low Income	Cool Central	Infiltration Reduction	4.0 ACH50	7.0 ACH50	Per Building SqFt	New	0.05	11	$ 0	42%	35
Low Income	Cool Central	Infiltration Reduction	4.0 ACH50	Existing Infiltration (10 ACH50)	Per Building SqFt	Existing	0.16	11	$ 0	19%	653
Low Income	Cool Central	Infiltration Reduction	7.0 ACH50	Existing Infiltration (10 ACH50)	Per Building SqFt	Existing	0.08	11	$ 0	63%	1,079
Low Income	Cool Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-38 (To Code Zone 5)	Average Existing Insulation (R-15.7)	Per Insulated SqFt	Existing	0.08	20	$ 1	7%	89
Low Income	Cool Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (To Code Zone 6)	Average Existing Insulation (R-15.7)	Per Insulated SqFt	Existing	0.09	20	$ 1	7%	92
Low Income	Cool Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (Zone 5)	Code Insulation R-38 (Zone 5)	Per Insulated SqFt	Existing	0.01	20	$ 0	17%	-
Low Income	Cool Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (Zone 5)	Code Insulation R-38 (Zone 5)	Per Insulated SqFt	New	0.01	20	$ 0	17%	-
Low Income	Cool Central	Insulation - Basement Wall	Insulation Basement Wall (R-10 Zone 5)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	-	20	$ 1	7%	-
Low Income	Cool Central	Insulation - Basement Wall	Insulation Basement Wall (R-15 Zone 6)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	-	20	$ 1	14%	-
Low Income	Cool Central	Insulation - Duct	Insulation Duct (R-8)	No Duct Insulation	Per Duct Insulation Installation	Existing	37.67	20	$ 375	71%	-
Low Income	Cool Central	Insulation - Floor	Insulation Floor (R-30)	Average Existing Insulation (R-1.8)	Per Insulated SqFt	Existing	-	20	$ 1	57%	-
Low Income	Cool Central	Insulation - Rim/Band Joist	Insulation Rim and Band Joist (R-10)	No Rim And Band Joist Insulation	Per Insulated SqFt	Existing	0.14	20	$ 1	8%	26
Low Income	Cool Central	Insulation - Siding	Vinyl Siding with Foam Backing (R-3)	No Siding Insulation	Per Insulated SqFt	Existing	0.12	20	$ 1	14%	161
Low Income	Cool Central	Insulation - Slab	Insulation Slab (R-15, 4ft)	Code Insulation (R-10, 4ft)	Per Insulated SqFt	New	-	20	$ 0	28%	-
Low Income	Cool Central	Insulation - Wall	Insulation Wall (R-13)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	0.24	20	$ 1	3%	52
Low Income	Cool Central	Insulation - Wall	Insulation Wall (R-20 or R-13 w/ R-5 sheathing)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	0.29	20	$ 1	1%	20
Low Income	Cool Central	Insulation - Wall	Insulation Wall (R-21 + R-5 sheathing)	Code Insulation (R-20 or R-13 w/ R-5	Per Insulated SqFt	New	0.01	20	$ 0	90%	10
Low Income	Cool Central	Quality Install CAC	Quality Installation (QI)	Standard Installation	Per QI Install	Existing	125.56	5	$ 300	45%	-
Low Income	Cool Central	Quality Install CAC	Quality Installation (QI)	Standard Installation	Per QI Install	New	85.91	5	$ 300	45%	-
Low Income	Cool Central	Radiant Barrier (Ceiling)	Radiant Barrier (Ceiling)	No Radiant Barrier	Per Radiant Barrier Install	Existing	122.08	30	$ 675	49%	932
Low Income	Cool Central	Radiant Barrier (Ceiling)	Radiant Barrier (Ceiling)	No Radiant Barrier	Per Radiant Barrier Install	New	83.52	30	$ 480	82%	102
Low Income	Cool Central	Solar Attic Fan	Solar Electric Attic Ventilation	Standard Passive Ventilation	Per Solar Fan	Existing	71.75	19	$ 331	10%	-
Low Income	Cool Central	Solar Attic Fan	Solar Electric Attic Ventilation	Standard Passive Ventilation	Per Solar Fan	New	49.09	19	$ 331	10%	-
Low Income	Cool Central	Thermostat - Multi-Zone	Individual Room Temperature Control for Major	Programmable Thermostat - Central Control	Per Programmable Control System	New	55.64	11	$ 895	62%	-

Low Income	Cool Central	Thermostat - Programmable	Setback Thermostat 5-1-1, 5-2 or 7-Day	Manual Thermostat	Per Programmable Control	Existing	41.85	15	$ 33	42%	196
Low Income	Cool Central	Thermostat - WiFi Programmable	WiFi Programmable Thermostat	Programmable Thermostat - Central Control	Per Programmable Control	Existing	41.97	15	$ 167	44%	342
Low Income	Cool Central	Thermostat - WiFi Programmable	WiFi Programmable Thermostat	Programmable Thermostat - Central Control	Per Programmable Control	New	28.72	15	$ 167	62%	27
Low Income	Cool Central	Tune-up - Air Conditioner	Air Conditioner Maintenance (Tune-up)	Unmaintained Air Conditioner	Per Tune-up	Existing	89.69	5	$ 200	71%	-
Low Income	Cool Central	Whole-House Fan	Whole-House Fan to Offset Central Cooling	No Whole-House Fan	Per House Fan	Existing	179.38	20	$ 366	10%	360
Low Income	Cool Central	Whole-House Fan	Whole-House Fan to Offset Central Cooling	No Whole-House Fan	Per House Fan	New	122.72	20	$ 366	10%	18
Low Income	Cool Central	Window - Film	Window Film (SHGC Reduction=45%)	No Window Film	Per Window SqFt	Existing	0.89	10	$ 5	76%	-
Low Income	Cool Central	Window - Shade	Window Shade/Blind or Thermal Drapes	No Interior Shading Device	Per Window SqFt	Existing	0.59	3	$ 7	38%	-
Low Income	Cool Central	Window - Upgrade	Code Window U-Factor = 0.35 (2009 IECC)	Existing Windows U-Factor	Per Window SqFt	Existing	0.45	20	$ 19	24%	-
Low Income	Cool Central	Window - Upgrade	ENERGY STAR U-Factor = 0.30	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	Existing	0.13	20	$ 3	73%	-
Low Income	Cool Central	Window - Upgrade	ENERGY STAR U-Factor = 0.30	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	New	0.09	20	$ 3	82%	-
Low Income	Cool Central	Window - Upgrade	Smart Window U-Factor = 0.22	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	Existing	0.33	20	$ 28	63%	-
Low Income	Cool Central	Window - Upgrade	Smart Window U-Factor = 0.22	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	New	0.23	20	$ 28	68%	-
Low Income	Cool Room	Cool Roofs	Lighter Colored Shingles (White)	Standard Roof Shingles	Per Roof SqFT	Existing	0.07	20	$ 0	21%	-
Low Income	Cool Room	Cool Roofs	Lighter Colored Shingles (White)	Standard Roof Shingles	Per Roof SqFT	New	0.07	20	$ 0	21%	-
Low Income	Cool Room	Doors	ENERGY STAR Door (R-4.8)	Standard Code Door (R-2.9)	Per Door SqFt	Existing	0.10	20	$ 1	32%	3
Low Income	Cool Room	Doors	ENERGY STAR Door (R-4.8)	Standard Code Door (R-2.9)	Per Door SqFt	New	0.09	20	$ 1	32%	0
Low Income	Cool Room	Doors	Thermal Door (R-10)	Standard Code Door (R-2.9)	Per Door SqFt	Existing	0.17	20	$ 3	40%	7
Low Income	Cool Room	Doors	Thermal Door (R-10)	Standard Code Door (R-2.9)	Per Door SqFt	New	0.16	20	$ 3	40%	1
Low Income	Cool Room	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof sqft	New	0.02	30	$ 13	88%	-
Low Income	Cool Room	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	Existing	37.10	11	$ 612	13%	-
Low Income	Cool Room	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	New	24.11	11	$ 612	20%	-
Low Income	Cool Room	Infiltration Reduction	4.0 ACH50	7.0 ACH50	Per Building SqFt	New	0.02	11	$ 0	42%	-
Low Income	Cool Room	Infiltration Reduction	4.0 ACH50	Existing Infiltration (10 ACH50)	Per Building SqFt	Existing	0.05	11	$ 0	19%	51
Low Income	Cool Room	Infiltration Reduction	7.0 ACH50	Existing Infiltration (10 ACH50)	Per Building SqFt	Existing	0.02	11	$ 0	63%	84
Low Income	Cool Room	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-38 (To Code Zone 5)	Average Existing Insulation (R-15.7)	Per Insulated SqFt	Existing	0.02	20	$ 1	7%	-
Low Income	Cool Room	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (To Code Zone 6)	Average Existing Insulation (R-15.7)	Per Insulated SqFt	Existing	0.03	20	$ 1	7%	-
Low Income	Cool Room	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (Zone 5)	Code Insulation R-38 (Zone 5)	Per Insulated SqFt	Existing	0.00	20	$ 0	17%	-
Low Income	Cool Room	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (Zone 5)	Code Insulation R-38 (Zone 5)	Per Insulated SqFt	New	0.00	20	$ 0	17%	-
Low Income	Cool Room	Insulation - Basement Wall	Insulation Basement Wall (R-10 Zone 5)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	-	20	$ 1	7%	-
Low Income	Cool Room	Insulation - Basement Wall	Insulation Basement Wall (R-15 Zone 6)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	-	20	$ 1	14%	-
Low Income	Cool Room	Insulation - Floor	Insulation Floor (R-30)	Average Existing Insulation (R-1.8)	Per Insulated SqFt	Existing	-	20	$ 1	57%	-
Low Income	Cool Room	Insulation - Rim/Band Joist	Insulation Rim and Band Joist (R-10)	No Rim And Band Joist Insulation	Per Insulated SqFt	Existing	0.04	20	$ 1	8%	2
Low Income	Cool Room	Insulation - Siding	Vinyl Siding with Foam Backing (R-3)	No Siding Insulation	Per Insulated SqFt	Existing	0.03	20	$ 1	14%	11
Low Income	Cool Room	Insulation - Slab	Insulation Slab (R-15, 4ft)	Code Insulation (R-10, 4ft)	Per Insulated SqFt	New	-	20	$ 0	28%	-
Low Income	Cool Room	Insulation - Wall	Insulation Wall (R-13)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	0.07	20	$ 1	3%	4
Low Income	Cool Room	Insulation - Wall	Insulation Wall (R-20 or R-13 w/ R-5 sheathing)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	0.08	20	$ 1	1%	1
Low Income	Cool Room	Insulation - Wall	Insulation Wall (R-21 + R-5 sheathing)	Code Insulation (R-20 or R-13 w/ R-5	Per Insulated SqFt	New	0.01	20	$ 0	90%	1
Low Income	Cool Room	Radiant Barrier (Ceiling)	Radiant Barrier (Ceiling)	No Radiant Barrier	Per Radiant Barrier Install	Existing	37.87	30	$ 675	49%	-
Low Income	Cool Room	Radiant Barrier (Ceiling)	Radiant Barrier (Ceiling)	No Radiant Barrier	Per Radiant Barrier Install	New	37.87	30	$ 480	82%	-
Low Income	Cool Room	Removal of Secondary Window Air	Proper Disposal of Window Air Conditioner Unit	Existing Non-Efficient Window Air Conditioner	Per Recyled Unit	Existing	378.84	3	$ 30	22%	568
Low Income	Cool Room	Room AC - Below Standard	Below Standard 7.7 EER; 8,000-13,999 Btu	Below Standard 7.7 EER; 8,000-13,999 Btu	Per Unit	Existing	-	5	$ -	100%	-
Low Income	Cool Room	Room AC - Below Standard	Below Standard 7.7 EER; 8,000-13,999 Btu	Below Standard 7.7 EER; 8,000-13,999 Btu	Per Unit	New	-	5	$ -	100%	-
Low Income	Cool Room	Room AC - CEE Tier 1	CEE TIER 1 = 11.3 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Unit	Existing	39.51	9	$ 309	100%	-
Low Income	Cool Room	Room AC - CEE Tier 1	CEE TIER 1 = 11.3 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Unit	New	39.51	9	$ 309	100%	-
Low Income	Cool Room	Room AC - CEE Tier 2	CEE TIER 2 = 11.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Unit	Existing	50.45	9	$ 575	100%	-
Low Income	Cool Room	Room AC - CEE Tier 2	CEE TIER 2 = 11.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Unit	New	50.45	9	$ 575	100%	-
Low Income	Cool Room	Room AC - ENERGY STAR	ENERGY STAR = 10.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Unit	Existing	27.56	9	$ 42	100%	143
Low Income	Cool Room	Room AC - ENERGY STAR	ENERGY STAR = 10.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Unit	New	27.56	9	$ 42	100%	16
Low Income	Cool Room	Room AC - Standard	Federal Standard 9.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Unit	Existing	-	9	$ -	100%	-
Low Income	Cool Room	Room AC - Standard	Federal Standard 9.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Unit	New	-	9	$ -	100%	-
Low Income	Cool Room	Window - Film	Window Film (SHGC Reduction=45%)	No Window Film	Per Window SqFt	Existing	0.28	10	$ 5	76%	-
Low Income	Cool Room	Window - Shade	Window Shade/Blind or Thermal Drapes	No Interior Shading Device	Per Window SqFt	Existing	0.18	3	$ 7	38%	-
Low Income	Cool Room	Window - Upgrade	Code Window U-Factor = 0.35 (2009 IECC)	Existing Windows U-Factor	Per Window SqFt	Existing	0.13	20	$ 19	24%	-
Low Income	Cool Room	Window - Upgrade	ENERGY STAR U-Factor = 0.30	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	Existing	0.04	20	$ 3	73%	-
Low Income	Cool Room	Window - Upgrade	ENERGY STAR U-Factor = 0.30	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	New	0.03	20	$ 3	82%	-
Low Income	Cool Room	Window - Upgrade	Smart Window U-Factor = 0.22	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	Existing	0.09	20	$ 28	61%	-
Low Income	Cool Room	Window - Upgrade	Smart Window U-Factor = 0.22	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	New	0.08	20	$ 28	68%	-
Low Income	Copier	Copier - Standard	Standard Copier	Standard Copier	Per Unit	Existing	-	6	$ -	100%	-
Low Income	Copier	Copier - Standard	Standard Copier	Standard Copier	Per Unit	New	-	6	$ -	100%	-
Low Income	Copier	Copiers - Home Office ENERGY STAR	ENERGY STAR Office Copiers	Standard Copier	Per Unit	Existing	73.00	6	$ 1,505	100%	-
Low Income	Copier	Copiers - Home Office ENERGY STAR	ENERGY STAR Office Copiers	Standard Copier	Per Unit	New	73.00	6	$ 1,505	100%	-
Low Income	Dehumidifier	Dehumidifier - Standard	Standard Dehumidifier	Standard Dehumidifier	Per Unit	Existing	-	12	$ -	100%	-

Low Income	Dehumidifier	Dehumidifier - Standard	Standard Dehumidifier	Standard Dehumidifier	Per Unit	New	-	12	$ -	100%	-
Low Income	Dehumidifier	Dehumidifiers - ENERGY STAR	ENERGY STAR Dehumidifiers	Standard Dehumidifier	Per Unit	Existing	117.37	12	$ 34	100%	992
Low Income	Dehumidifier	Dehumidifiers - ENERGY STAR	ENERGY STAR Dehumidifiers	Standard Dehumidifier	Per Unit	New	117.37	12	$ 34	100%	116
Low Income	Dryer	Clothes Dryer - Moisture Sensor	Clothes Dryer w/ Moisture Sensor	Standard Dryer without Moisture Sensor	Per Unit	Existing	107.53	11	$ 137	100%	-
Low Income	Dryer	Clothes Dryer - Moisture Sensor	Clothes Dryer w/ Moisture Sensor	Standard Dryer without Moisture Sensor	Per Unit	New	107.53	11	$ 137	100%	-
Low Income	Dryer	Clothes Dryer - Standard without	Standard Dryer without Moisture Sensor	Standard Dryer without Moisture Sensor	Per Unit	Existing	-	11	$ -	100%	-
Low Income	Dryer	Clothes Dryer - Standard without	Standard Dryer without Moisture Sensor	Standard Dryer without Moisture Sensor	Per Unit	New	-	11	$ -	100%	-
Low Income	Dryer	Clothes Dryer - Steam	Steam Clothes Dryer	Standard Dryer without Moisture Sensor	Per Unit	Existing	107.53	11	$ 372	98%	-
Low Income	Dryer	Clothes Dryer - Steam	Steam Clothes Dryer	Standard Dryer without Moisture Sensor	Per Unit	New	107.53	11	$ 372	98%	-
Low Income	Freezer	Freezer - Below Standard	Below Standard Freezer	Below Standard Freezer	Per Unit	Existing	-	6	$ -	100%	-
Low Income	Freezer	Freezer - Below Standard	Below Standard Freezer	Below Standard Freezer	Per Unit	New	-	6	$ -	100%	-
Low Income	Freezer	Freezer - ENERGY STAR	ENERGY STAR Freezer	Standard Freezer - Federal Standard 2001	Per Unit	Existing	55.83	12	$ 75	100%	-
Low Income	Freezer	Freezer - ENERGY STAR	ENERGY STAR Freezer	Standard Freezer - Federal Standard 2001	Per Unit	New	55.83	12	$ 75	100%	-
Low Income	Freezer	Freezer - Federal Standard September	Standard Freezer - Federal Standard 2014	Standard Freezer - Federal Standard 2001	Per Unit	Existing	159.48	12	$ 214	100%	-
Low Income	Freezer	Freezer - Federal Standard September	Standard Freezer - Federal Standard 2014	Standard Freezer - Federal Standard 2001	Per Unit	New	159.48	12	$ 214	100%	-
Low Income	Freezer	Freezer - Standard 2001	Standard Freezer - Federal Standard 2001	Standard Freezer - Federal Standard 2001	Per Unit	Existing	-	12	$ -	100%	-
Low Income	Freezer	Freezer - Standard 2001	Standard Freezer - Federal Standard 2001	Standard Freezer - Federal Standard 2001	Per Unit	New	-	12	$ -	100%	-
Low Income	Freezer	Removal of Secondary Stand-Alone	Proper Disposal of Stand-Alone Freezer	Existing Non-Efficient Stand-Alone Freezer	Per Recyled Unit	Existing	916.00	5	$ 30	24%	1,154
Low Income	Heat Central	Central Heat - Standard	Standard Central Heat	Standard Central Heat	Per Household	Existing	-	10	$ -	100%	-
Low Income	Heat Central	Central Heat - Standard	Standard Central Heat	Standard Central Heat	Per Household	New	-	10	$ -	100%	-
Low Income	Heat Central	Doors	ENERGY STAR Door (R-4.8)	Standard Code Door (R-2.9)	Per Door SqFt	Existing	6.18	20	$ 1	32%	209
Low Income	Heat Central	Doors	ENERGY STAR Door (R-4.8)	Standard Code Door (R-2.9)	Per Door SqFt	New	6.18	20	$ 1	32%	14
Low Income	Heat Central	Doors	Thermal Door (R-10)	Standard Code Door (R-2.9)	Per Door SqFt	Existing	11.08	20	$ 3	40%	422
Low Income	Heat Central	Doors	Thermal Door (R-10)	Standard Code Door (R-2.9)	Per Door SqFt	New	11.08	20	$ 3	40%	32
Low Income	Heat Central	Duct Sealing	4 CFM/100sqft of CFA	Existing CFM/100sqft of CFA	Per Duct Sealing Installation	Existing	1,284.15	18	$ 960	18%	875
Low Income	Heat Central	Duct Sealing	8 CFM/100sqft of CFA	Existing CFM/100sqft of CFA	Per Duct Sealing Installation	Existing	856.10	18	$ 587	25%	837
Low Income	Heat Central	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof sqft	New	0.16	30	$ 13	88%	-
Low Income	Heat Central	Heat Exchanger - Air-to-Air	Air-to-Air Heat Exchanger	No Air-to-Air Heat Exchanger	Per Heat Exchanger	Existing	1,712.20	18	$ 1,085	0%	-
Low Income	Heat Central	Heat Exchanger - Air-to-Air	Air-to-Air Heat Exchanger	No Air-to-Air Heat Exchanger	Per Heat Exchanger	New	1,191.80	18	$ 1,085	75%	-
Low Income	Heat Central	Heat Pump - Ductless Mini-Split	ENERGY STAR 14.5 SEER, 8.2 HSPF	Electric Baseboard Heating	Per Ductless Heat Pump	Existing	2,603.73	15	$ 2,728	38%	-
Low Income	Heat Central	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	Existing	856.10	11	$ 612	13%	-
Low Income	Heat Central	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	New	387.34	11	$ 612	20%	-
Low Income	Heat Central	Infiltration Reduction	4.0 ACH50	7.0 ACH50	Per Building SqFt	New	0.40	11	$ 0	42%	-
Low Income	Heat Central	Infiltration Reduction	4.0 ACH50	Existing Infiltration (10 ACH50)	Per Building SqFt	Existing	1.14	11	$ 0	19%	987
Low Income	Heat Central	Infiltration Reduction	7.0 ACH50	Existing Infiltration (10 ACH50)	Per Building SqFt	Existing	0.57	11	$ 0	63%	1,813
Low Income	Heat Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-38 (To Code Zone 5)	Average Existing Insulation (R-15.7)	Per Insulated SqFt	Existing	1.46	20	$ 1	7%	428
Low Income	Heat Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (To Code Zone 6)	Average Existing Insulation (R-15.7)	Per Insulated SqFt	Existing	1.70	20	$ 1	7%	455
Low Income	Heat Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (Zone 5)	Code Insulation R-38 (Zone 5)	Per Insulated SqFt	Existing	0.25	20	$ 0	17%	-
Low Income	Heat Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (Zone 5)	Code Insulation R-38 (Zone 5)	Per Insulated SqFt	New	0.25	20	$ 0	17%	-
Low Income	Heat Central	Insulation - Basement Wall	Insulation Basement Wall (R-10 Zone 5)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	4.25	20	$ 1	7%	765
Low Income	Heat Central	Insulation - Basement Wall	Insulation Basement Wall (R-15 Zone 6)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	4.93	20	$ 1	14%	1,888
Low Income	Heat Central	Insulation - Duct	Insulation Duct (R-8)	No Duct Insulation	Per Duct Insulation Installation	Existing	363.84	20	$ 375	71%	-
Low Income	Heat Central	Insulation - Floor	Insulation Floor (R-30)	Average Existing Insulation (R-1.8)	Per Insulated SqFt	Existing	1.24	20	$ 1	57%	3,014
Low Income	Heat Central	Insulation - Rim/Band Joist	Insulation Rim and Band Joist (R-10)	No Rim And Band Joist Insulation	Per Insulated SqFt	Existing	2.54	20	$ 1	8%	122
Low Income	Heat Central	Insulation - Siding	Vinyl Siding with Foam Backing (R-3)	No Siding Insulation	Per Insulated SqFt	Existing	2.21	20	$ 1	14%	727
Low Income	Heat Central	Insulation - Slab	Insulation Slab (R-15, 4ft)	Code Insulation (R-10, 4ft)	Per Insulated SqFt	New	0.80	20	$ 0	28%	74
Low Income	Heat Central	Insulation - Wall	Insulation Wall (R-13)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	4.38	20	$ 1	3%	221
Low Income	Heat Central	Insulation - Wall	Insulation Wall (R-20 or R-13 w/ R-5 sheathing)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	5.13	20	$ 1	1%	86
Low Income	Heat Central	Insulation - Wall	Insulation Wall (R-21 + R-5 sheathing)	Code Insulation (R-20 or R-13 w/ R-5	Per Insulated SqFt	New	0.37	20	$ 0	90%	55
Low Income	Heat Central	Radiant Barrier (Ceiling)	Radiant Barrier (Ceiling)	No Radiant Barrier	Per Radiant Barrier Install	Existing	171.22	30	$ 675	49%	-
Low Income	Heat Central	Radiant Barrier (Ceiling)	Radiant Barrier (Ceiling)	No Radiant Barrier	Per Radiant Barrier Install	New	119.18	30	$ 480	82%	-
Low Income	Heat Central	Thermostat - Multi-Zone	Individual Room Temperature Control for Major	Programmable Thermostat - Central Control	Per Programmable Control System	New	405.21	11	$ 895	62%	-
Low Income	Heat Central	Thermostat - Programmable	Setback Thermostat 5-1-1, 5-2 or 7-Day	Manual Thermostat	Per Programmable Control	Existing	299.64	15	$ 33	42%	354
Low Income	Heat Central	Thermostat - WiFi Programmable	WiFi Programmable Thermostat	Programmable Thermostat - Central Control	Per Programmable Control	Existing	300.49	15	$ 167	44%	516
Low Income	Heat Central	Thermostat - WiFi Programmable	WiFi Programmable Thermostat	Programmable Thermostat - Central Control	Per Programmable Control	New	209.16	15	$ 167	62%	-
Low Income	Heat Central	Window - Upgrade	Code Window U-Factor = 0.35 (2009 IECC)	Existing Windows U-Factor	Per Window SqFt	Existing	8.15	20	$ 19	24%	-
Low Income	Heat Central	Window - Upgrade	ENERGY STAR U-Factor = 0.30	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	Existing	2.26	20	$ 3	73%	-
Low Income	Heat Central	Window - Upgrade	ENERGY STAR U-Factor = 0.30	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	New	2.26	20	$ 3	82%	-
Low Income	Heat Central	Window - Upgrade	Smart Window U-Factor = 0.22	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	Existing	5.89	20	$ 28	61%	-
Low Income	Heat Central	Window - Upgrade	Smart Window U-Factor = 0.22	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	New	5.89	20	$ 28	68%	-
Low Income	Heat Pump	Attic Fan	Attic Fan For Summer Cooling	No Attic Fan with Central Cooling	Per Attic Fan	Existing	67.13	19	$ 249	82%	-
Low Income	Heat Pump	Cool Roofs	Lighter Colored Shingles (White)	Standard Roof Shingles	Per Roof SqFT	Existing	0.06	20	$ 0	21%	-
Low Income	Heat Pump	Cool Roofs	Lighter Colored Shingles (White)	Standard Roof Shingles	Per Roof SqFT	New	0.05	20	$ 0	21%	-

Low Income	Heat Pump	Doors	ENERGY STAR Door (R-4.8)	Standard Code Door (R-2.9)	Per Door SqFt	Existing	3.27	20	$	1	32%	-
Low Income	Heat Pump	Doors	ENERGY STAR Door (R-4.8)	Standard Code Door (R-2.9)	Per Door SqFt	New	2.82	20	$	1	32%	-
Low Income	Heat Pump	Doors	Thermal Door (R-10)	Standard Code Door (R-2.9)	Per Door SqFt	Existing	5.87	20	$	3	40%	-
Low Income	Heat Pump	Doors	Thermal Door (R-10)	Standard Code Door (R-2.9)	Per Door SqFt	New	5.05	20	$	3	40%	-
Low Income	Heat Pump	Duct Sealing	4 CFM/100sqft of CFA	8 CFM/100sqft of CFA	Per Duct Sealing Installation	New	307.63	18	$	333	54%	-
Low Income	Heat Pump	Duct Sealing	4 CFM/100sqft of CFA	Existing CFM/100sqft of CFA	Per Duct Sealing Installation	Existing	1,133.43	18	$	960	24%	-
Low Income	Heat Pump	Duct Sealing	8 CFM/100sqft of CFA	Existing CFM/100sqft of CFA	Per Duct Sealing Installation	Existing	755.62	18	$	587	54%	-
Low Income	Heat Pump	ECM Motor - Air Source Heat Pump	Air Source Heat Pump ECM Fan	Standard Motor	Per ECM	Existing	280.25	15	$	200	62%	-
Low Income	Heat Pump	ECM Motor - Air Source Heat Pump	Air Source Heat Pump ECM Fan	Standard Motor	Per ECM	New	222.36	15	$	200	90%	-
Low Income	Heat Pump	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof sqft	New	0.24	30	$	13	88%	-
Low Income	Heat Pump	Heat Exchanger - Air-to-Air	Air-to-Air Heat Exchanger	No Air-to-Air Heat Exchanger	Per Heat Exchanger	Existing	1,511.24	18	$	1,085	56%	-
Low Income	Heat Pump	Heat Exchanger - Air-to-Air	Air-to-Air Heat Exchanger	No Air-to-Air Heat Exchanger	Per Heat Exchanger	New	1,230.50	18	$	1,085	75%	-
Low Income	Heat Pump	Heat Pump - Below Standard	Below Standard SEER 10 and HSPF 7.2	Below Standard SEER 10 and HSPF 7.2	Per Household	Existing	-	9	$	-	100%	-
Low Income	Heat Pump	Heat Pump - Below Standard	Below Standard SEER 10 and HSPF 7.2	Below Standard SEER 10 and HSPF 7.2	Per Household	New	-	9	$	-	100%	-
Low Income	Heat Pump	Heat Pump - CEE Tier 2	CEE Tier 2 SEER/EER 15/12.5 and HSPF 8.5	Federal Standard SEER 13 and HSPF 7.7	Per Household	Existing	701.65	18	$	548	100%	-
Low Income	Heat Pump	Heat Pump - CEE Tier 2	CEE Tier 2 SEER/EER 15/12.5 and HSPF 8.5	Federal Standard SEER 13 and HSPF 7.7	Per Household	New	567.35	18	$	548	100%	-
Low Income	Heat Pump	Heat Pump - ENERGY STAR	ENERGY STAR SEER/EER 14.5/12 and HSPF	Federal Standard SEER 13 and HSPF 7.7	Per Household	Existing	475.05	18	$	411	100%	-
Low Income	Heat Pump	Heat Pump - ENERGY STAR	ENERGY STAR SEER/EER 14.5/12 and HSPF	Federal Standard SEER 13 and HSPF 7.7	Per Household	New	381.58	18	$	411	100%	-
Low Income	Heat Pump	Heat Pump - Enhanced	Enhanced SEER/EER 16/13 and HSPF 9.0	Federal Standard SEER 13 and HSPF 7.7	Per Household	Existing	1,056.28	18	$	822	100%	-
Low Income	Heat Pump	Heat Pump - Enhanced	Enhanced SEER/EER 16/13 and HSPF 9.0	Federal Standard SEER 13 and HSPF 7.7	Per Household	New	856.66	18	$	822	100%	-
Low Income	Heat Pump	Heat Pump - Ground Source	GSHP ENERGY STAR EER 17.1 and 3.6 COP	Federal Standard SEER 13 and HSPF 7.7	Per Household	Existing	2,576.37	18	$	6,658	25%	-
Low Income	Heat Pump	Heat Pump - Ground Source	GSHP ENERGY STAR EER 17.1 and 3.6 COP	Federal Standard SEER 13 and HSPF 7.7	Per Household	New	2,108.94	18	$	6,739	25%	-
Low Income	Heat Pump	Heat Pump - Standard	Federal Standard SEER 13 and HSPF 7.7	Federal Standard SEER 13 and HSPF 7.7	Per Household	Existing	-	18	$	-	100%	-
Low Income	Heat Pump	Heat Pump - Standard	Federal Standard SEER 13 and HSPF 7.7	Federal Standard SEER 13 and HSPF 7.7	Per Household	New	-	18	$	-	100%	-
Low Income	Heat Pump	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	Existing	755.62	11	$	612	13%	-
Low Income	Heat Pump	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	New	399.91	11	$	612	20%	-
Low Income	Heat Pump	Infiltration Reduction	4.0 ACH50	7.0 ACH50	Per Building SqFt	New	0.41	11	$	0	42%	-
Low Income	Heat Pump	Infiltration Reduction	4.0 ACH50	Existing Infiltration (10 ACH50)	Per Building SqFt	Existing	1.01	11	$	0	19%	-
Low Income	Heat Pump	Infiltration Reduction	7.0 ACH50	Existing Infiltration (10 ACH50)	Per Building SqFt	Existing	0.50	11	$	0	63%	-
Low Income	Heat Pump	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-38 (To Code Zone 5)	Average Existing Insulation (R-15.7)	Per Insulated SqFt	Existing	0.77	20	$	1	7%	-
Low Income	Heat Pump	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (To Code Zone 6)	Average Existing Insulation (R-15.7)	Per Insulated SqFt	Existing	0.90	20	$	1	7%	-
Low Income	Heat Pump	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (Zone 5)	Code Insulation R-38 (Zone 5)	Per Insulated SqFt	Existing	0.13	20	$	0	17%	-
Low Income	Heat Pump	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (Zone 5)	Code Insulation R-38 (Zone 5)	Per Insulated SqFt	New	0.11	20	$	0	17%	-
Low Income	Heat Pump	Insulation - Basement Wall	Insulation Basement Wall (R-10 Zone 5)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	1.89	20	$	1	7%	-
Low Income	Heat Pump	Insulation - Basement Wall	Insulation Basement Wall (R-15 Zone 6)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	2.20	20	$	1	14%	-
Low Income	Heat Pump	Insulation - Duct	Insulation Duct (R-8)	No Duct Insulation	Per Duct Insulation Installation	Existing	307.85	20	$	375	71%	-
Low Income	Heat Pump	Insulation - Floor	Insulation Floor (R-30)	Average Existing Insulation (R-1.8)	Per Insulated SqFt	Existing	0.66	20	$	1	57%	-
Low Income	Heat Pump	Insulation - Rim/Band Joist	Insulation Rim and Band Joist (R-10)	No Rim And Band Joist Insulation	Per Insulated SqFt	Existing	1.34	20	$	1	8%	-
Low Income	Heat Pump	Insulation - Siding	Vinyl Siding with Foam Backing (R-3)	No Siding Insulation	Per Insulated SqFt	Existing	1.17	20	$	1	14%	-
Low Income	Heat Pump	Insulation - Slab	Insulation Slab (R-15, 4ft)	Code Insulation (R-10, 4ft)	Per Insulated SqFt	New	0.30	20	$	0	28%	-
Low Income	Heat Pump	Insulation - Wall	Insulation Wall (R-13)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	2.32	20	$	1	3%	-
Low Income	Heat Pump	Insulation - Wall	Insulation Wall (R-20 or R-13 w/ R-5 sheathing)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	2.72	20	$	1	1%	-
Low Income	Heat Pump	Insulation - Wall	Insulation Wall (R-21 + R-5 sheathing)	Code Insulation (R-20 or R-13 w/ R-5	Per Insulated SqFt	New	0.17	20	$	0	90%	-
Low Income	Heat Pump	Quality Install Heat Pump	Quality Installation (QI)	Standard Installation	Per QI Install	Existing	872.56	5	$	300	45%	-
Low Income	Heat Pump	Quality Install Heat Pump	Quality Installation (QI)	Standard Installation	Per QI Install	New	710.46	5	$	300	45%	-
Low Income	Heat Pump	Radiant Barrier (Ceiling)	Radiant Barrier (Ceiling)	No Radiant Barrier	Per Radiant Barrier Install	Existing	771.36	30	$	675	49%	-
Low Income	Heat Pump	Radiant Barrier (Ceiling)	Radiant Barrier (Ceiling)	No Radiant Barrier	Per Radiant Barrier Install	New	628.07	30	$	480	82%	-
Low Income	Heat Pump	Solar Attic Fan	Solar Electric Attic Ventilation	Standard Passive Ventilation	Per Solar Fan	Existing	72.51	19	$	331	10%	-
Low Income	Heat Pump	Solar Attic Fan	Solar Electric Attic Ventilation	Standard Passive Ventilation	Per Solar Fan	New	59.04	19	$	331	10%	-
Low Income	Heat Pump	Thermostat - Multi-Zone	Individual Room Temperature Control for Major	Programmable Thermostat - Central Control	Per Programmable Control System	New	418.37	11	$	895	62%	-
Low Income	Heat Pump	Thermostat - Programmable	Setback Thermostat 5-1-1, 5-2 or 7-Day	Manual Thermostat	Per Programmable Control	Existing	264.47	15	$	33	42%	-
Low Income	Heat Pump	Thermostat - WiFi Programmable	WiFi Programmable Thermostat	Programmable Thermostat - Central Control	Per Programmable Control	Existing	265.22	15	$	167	44%	-
Low Income	Heat Pump	Thermostat - WiFi Programmable	WiFi Programmable Thermostat	Programmable Thermostat - Central Control	Per Programmable Control	New	215.95	15	$	167	62%	-
Low Income	Heat Pump	Tune-up - Air Source Heat Pump	Air Source Heat Pump Maintenance (Tune-up)	Unmaintained Air Source Heat Pump	Per Tune-up	Existing	524.09	5	$	200	71%	-
Low Income	Heat Pump	Tune-up - Ground Source Heat Pump	Ground Source Heat Pump Maintenance (Tune-	Unmaintained Ground Source Heat Pump	Per Tune-up	Existing	377.81	5	$	200	0%	-
Low Income	Heat Pump	Whole-House Fan	Whole-House Fan to Offset Central Cooling	No Whole-House Fan	Per House Fan	Existing	181.29	20	$	366	10%	-
Low Income	Heat Pump	Whole-House Fan	Whole-House Fan to Offset Central Cooling	No Whole-House Fan	Per House Fan	New	147.61	20	$	366	10%	-
Low Income	Heat Pump	Window - Film	Window Film (SHGC Reduction=45%)	No Window Film	Per Window SqFt	Existing	0.90	10	$	5	76%	-
Low Income	Heat Pump	Window - Shade	Window Shade/Blind or Thermal Drapes	No Interior Shading Device	Per Window SqFt	Existing	0.60	3	$	7	38%	-
Low Income	Heat Pump	Window - Upgrade	Code Window U-Factor = 0.35 (2009 IECC)	Existing Windows U-Factor	Per Window SqFt	Existing	4.32	20	$	19	24%	-
Low Income	Heat Pump	Window - Upgrade	ENERGY STAR U-Factor = 0.30	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	Existing	1.20	20	$	3	73%	-
Low Income	Heat Pump	Window - Upgrade	ENERGY STAR U-Factor = 0.30	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	New	1.10	20	$	3	82%	-
Low Income	Heat Pump	Window - Upgrade	Smart Window U-Factor = 0.22	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	Existing	3.12	20	$	28	61%	-

Low Income	Heat Pump	Window - Upgrade	Smart Window U-Factor = 0.22	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	New	2.86	20	$ 28	68%	-
Low Income	Heat Room	Doors	ENERGY STAR Door (R-4.8)	Standard Code Door (R-2.9)	Per Door SqFt	Existing	1.54	20	$ 1	32%	56
Low Income	Heat Room	Doors	ENERGY STAR Door (R-4.8)	Standard Code Door (R-2.9)	Per Door SqFt	New	1.54	20	$ 1	32%	4
Low Income	Heat Room	Doors	Thermal Door (R-10)	Standard Code Door (R-2.9)	Per Door SqFt	Existing	2.77	20	$ 3	40%	-
Low Income	Heat Room	Doors	Thermal Door (R-10)	Standard Code Door (R-2.9)	Per Door SqFt	New	2.77	20	$ 3	40%	-
Low Income	Heat Room	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof sqft	New	0.04	30	$ 13	88%	-
Low Income	Heat Room	Heat Pump - Ductless Mini-Split	ENERGY STAR 14.5 SEER, 8.2 HSPF	Electric Baseboard Heating	Per Ductless Heat Pump	Existing	2,603.73	15	$ 2,728	38%	-
Low Income	Heat Room	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	Existing	659.20	11	$ 612	13%	-
Low Income	Heat Room	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	New	298.25	11	$ 612	20%	-
Low Income	Heat Room	Infiltration Reduction	4.0 ACH50	7.0 ACH50	Per Building SqFt	New	0.31	11	$ 0	42%	-
Low Income	Heat Room	Infiltration Reduction	4.0 ACH50	Existing Infiltration (10 ACH50)	Per Building SqFt	Existing	0.88	11	$ 0	19%	-
Low Income	Heat Room	Infiltration Reduction	7.0 ACH50	Existing Infiltration (10 ACH50)	Per Building SqFt	Existing	0.44	11	$ 0	63%	1,768
Low Income	Heat Room	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-38 (To Code Zone 5)	Average Existing Insulation (R-15.7)	Per Insulated SqFt	Existing	0.36	20	$ 1	7%	-
Low Income	Heat Room	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (To Code Zone 6)	Average Existing Insulation (R-15.7)	Per Insulated SqFt	Existing	0.43	20	$ 1	7%	-
Low Income	Heat Room	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (Zone 5)	Code Insulation R-38 (Zone 5)	Per Insulated SqFt	Existing	0.06	20	$ 0	17%	-
Low Income	Heat Room	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (Zone 5)	Code Insulation R-38 (Zone 5)	Per Insulated SqFt	New	0.06	20	$ 0	17%	-
Low Income	Heat Room	Insulation - Basement Wall	Insulation Basement Wall (R-10 Zone 5)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	1.06	20	$ 1	7%	-
Low Income	Heat Room	Insulation - Basement Wall	Insulation Basement Wall (R-15 Zone 6)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	1.23	20	$ 1	14%	-
Low Income	Heat Room	Insulation - Floor	Insulation Floor (R-30)	Average Existing Insulation (R-1.8)	Per Insulated SqFt	Existing	0.31	20	$ 1	57%	-
Low Income	Heat Room	Insulation - Rim/Band Joist	Insulation Rim and Band Joist (R-10)	No Rim And Band Joist Insulation	Per Insulated SqFt	Existing	0.63	20	$ 1	8%	-
Low Income	Heat Room	Insulation - Siding	Vinyl Siding with Foam Backing (R-3)	No Siding Insulation	Per Insulated SqFt	Existing	0.55	20	$ 1	14%	-
Low Income	Heat Room	Insulation - Slab	Insulation Slab (R-15, 4ft)	Code Insulation (R-10, 4ft)	Per Insulated SqFt	New	0.20	20	$ 0	28%	-
Low Income	Heat Room	Insulation - Wall	Insulation Wall (R-13)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	1.09	20	$ 1	3%	-
Low Income	Heat Room	Insulation - Wall	Insulation Wall (R-20 or R-13 w/ R-5 sheathing)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	1.28	20	$ 1	1%	-
Low Income	Heat Room	Insulation - Wall	Insulation Wall (R-21 + R-5 sheathing)	Code Insulation (R-20 or R-13 w/ R-5	Per Insulated SqFt	New	0.09	20	$ 0	90%	-
Low Income	Heat Room	Radiant Barrier (Ceiling)	Radiant Barrier (Ceiling)	No Radiant Barrier	Per Radiant Barrier Install	Existing	131.84	30	$ 675	49%	-
Low Income	Heat Room	Radiant Barrier (Ceiling)	Radiant Barrier (Ceiling)	No Radiant Barrier	Per Radiant Barrier Install	New	91.77	30	$ 480	82%	-
Low Income	Heat Room	Room Heat - Standard	Standard Room Heat	Standard Room Heat	Per Household	Existing	-	10	$ -	100%	-
Low Income	Heat Room	Room Heat - Standard	Standard Room Heat	Standard Room Heat	Per Household	New	-	10	$ -	100%	-
Low Income	Heat Room	Window - Upgrade	Code Window U-Factor = 0.35 (2009 IECC)	Existing Windows U-Factor	Per Window SqFt	Existing	2.04	20	$ 19	24%	-
Low Income	Heat Room	Window - Upgrade	ENERGY STAR U-Factor = 0.30	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	Existing	0.57	20	$ 3	73%	-
Low Income	Heat Room	Window - Upgrade	ENERGY STAR U-Factor = 0.30	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	New	0.57	20	$ 3	82%	-
Low Income	Heat Room	Window - Upgrade	Smart Window U-Factor = 0.22	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	Existing	1.47	20	$ 28	61%	-
Low Income	Heat Room	Window - Upgrade	Smart Window U-Factor = 0.22	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	New	1.47	20	$ 28	68%	-
Low Income	Home Audio	Home Audio System - ENERGY STAR	ENERGY STAR Home Audio System	Standard Home Audio System	Per Unit	Existing	22.00	7	$ 20	100%	-
Low Income	Home Audio	Home Audio System - ENERGY STAR	ENERGY STAR Home Audio System	Standard Home Audio System	Per Unit	New	22.00	7	$ 20	100%	-
Low Income	Home Audio	Home Audio System - Standard	Standard Home Audio System	Standard Home Audio System	Per Unit	Existing	-	7	$ -	100%	-
Low Income	Home Audio	Home Audio System - Standard	Standard Home Audio System	Standard Home Audio System	Per Unit	New	-	7	$ -	100%	-
Low Income	Lighting	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	Existing	11.27	11	$ 612	13%	-
Low Income	Lighting	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	New	11.27	11	$ 612	20%	-
Low Income	Lighting	Lighitng Controls - Daylighting Controls	Lighitng Controls - Daylighting Controls	No Daylighting Controls	Per Photocell Control	Existing	11.27	10	$ 64	25%	-
Low Income	Lighting	Lighitng Controls - Daylighting Controls	Lighitng Controls - Daylighting Controls	No Daylighting Controls	Per Photocell Control	New	11.27	10	$ 64	25%	-
Low Income	Lighting	Lighting - CFL	Exterior - CFL	EISA Standard	Per Lamp	Existing	35.65	3	$ 4	100%	-
Low Income	Lighting	Lighting - CFL	Exterior - CFL	EISA Standard	Per Lamp	New	35.65	3	$ 4	100%	-
Low Income	Lighting	Lighting - EISA Backstop	Exterior - EISA Backstop	EISA Standard	Per Lamp	Existing	32.76	2	$ -	100%	-
Low Income	Lighting	Lighting - EISA Backstop	Exterior - EISA Backstop	EISA Standard	Per Lamp	New	32.76	2	$ -	100%	-
Low Income	Lighting	Lighting - EISA Standard	Exterior - EISA Standard	EISA Standard	Per Lamp	Existing	-	2	$ -	100%	-
Low Income	Lighting	Lighting - EISA Standard	Exterior - EISA Standard	EISA Standard	Per Lamp	New	-	2	$ -	100%	-
Low Income	Lighting	Lighting - Incandescent	Exterior - Incandescent	Incandescent	Per Lamp	Existing	-	2	$ -	100%	-
Low Income	Lighting	Lighting - Incandescent	Exterior - Incandescent	Incandescent	Per Lamp	New	-	2	$ -	100%	-
Low Income	Lighting	Lighting - LED	Exterior - LED	EISA Standard	Per Lamp	Existing	51.25	12	$ 37	100%	1,073
Low Income	Lighting	Lighting - LED	Exterior - LED	EISA Standard	Per Lamp	New	51.25	12	$ 37	100%	73
Low Income	Lighting	LED Christmas Lighting	LED Christmas Lighting	Incandescent Christmas Lighting	Per LED String	Existing	6.08	5	$ 19	82%	-
Low Income	Lighting	LED Christmas Lighting	LED Christmas Lighting	Incandescent Christmas Lighting	Per LED String	New	6.08	5	$ 19	82%	-
Low Income	Lighting	Lighting - CFL	Interior Specialty - CFL	EISA Standard	Per Lamp	Existing	31.97	6	$ 6	65%	3,772
Low Income	Lighting	Lighting - CFL	Interior Specialty - CFL	EISA Standard	Per Lamp	New	31.97	6	$ 6	65%	271
Low Income	Lighting	Lighting - Incandescent	Interior Specialty - Incandescent	Incandescent	Per Lamp	Existing	-	2	$ -	100%	-
Low Income	Lighting	Lighting - Incandescent	Interior Specialty - Incandescent	Incandescent	Per Lamp	New	-	2	$ -	100%	-
Low Income	Lighting	Lighting - LED	Interior Specialty - LED	EISA Standard	Per Lamp	Existing	37.05	12	$ 29	50%	6,393
Low Income	Lighting	Lighting - LED	Interior Specialty - LED	EISA Standard	Per Lamp	New	37.05	12	$ 29	50%	416
Low Income	Lighting	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	Existing	55.22	11	$ 612	13%	-
Low Income	Lighting	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	New	55.22	11	$ 612	20%	-
Low Income	Lighting	Lighitng Controls - Daylighting Controls	Lighitng Controls - Daylighting Controls	No Daylighting Controls	Per Photocell Control	Existing	11.04	10	$ 64	14%	-

Low Income	Lighting	Lighitng Controls - Daylighting Controls	Lighitng Controls - Daylighting Controls	No Daylighting Controls	Per Photocell Control	New	11.04	10	$	64	14%	-
Low Income	Lighting	Lighting - CFL	Interior Standard - CFL	EISA Standard	Per Lamp	Existing	15.93	5	$	(0)	100%	-
Low Income	Lighting	Lighting - CFL	Interior Standard - CFL	EISA Standard	Per Lamp	New	15.93	5	$	(0)	100%	-
Low Income	Lighting	Lighting - EISA Backstop	Interior Standard - EISA Backstop	EISA Standard	Per Lamp	Existing	14.49	2	$	-	100%	-
Low Income	Lighting	Lighting - EISA Backstop	Interior Standard - EISA Backstop	EISA Standard	Per Lamp	New	14.49	2	$	-	100%	-
Low Income	Lighting	Lighting - EISA Standard	Interior Standard - EISA Standard	EISA Standard	Per Lamp	Existing	-	2	$	-	100%	-
Low Income	Lighting	Lighting - EISA Standard	Interior Standard - EISA Standard	EISA Standard	Per Lamp	New	-	2	$	-	100%	-
Low Income	Lighting	Lighting - Incandescent	Interior Standard - Incandescent	Incandescent	Per Lamp	Existing	-	2	$	-	100%	-
Low Income	Lighting	Lighting - Incandescent	Interior Standard - Incandescent	Incandescent	Per Lamp	New	-	2	$	-	100%	-
Low Income	Lighting	Lighting - LED	Interior Standard - LED	EISA Standard	Per Lamp	Existing	22.66	12	$	25	100%	5,279
Low Income	Lighting	Lighting - LED	Interior Standard - LED	EISA Standard	Per Lamp	New	22.66	12	$	25	100%	363
Low Income	Lighting	Lighting Controls - Occupancy Sensors	Wall-Switch Occupancy Sensors	No Occupancy Sensor	Per Occupancy Sensor	Existing	20.71	10	$	57	17%	-
Low Income	Lighting	Lighting Controls - Occupancy Sensors	Wall-Switch Occupancy Sensors	No Occupancy Sensor	Per Occupancy Sensor	New	20.71	10	$	57	17%	-
Low Income	Microwave	Microwave - Standard	Standard Microwave	Standard Microwave	Per Unit	Existing	-	10	$	-	100%	-
Low Income	Microwave	Microwave - Standard	Standard Microwave	Standard Microwave	Per Unit	New	-	10	$	-	100%	-
Low Income	Monitor	Monitor - Home Office ENERGY STAR	ENERGY STAR Office Monitor	Standard Office Monitor	Per Unit	Existing	14.19	5	$	-	100%	-
Low Income	Monitor	Monitor - Home Office ENERGY STAR	ENERGY STAR Office Monitor	Standard Office Monitor	Per Unit	New	14.19	5	$	-	100%	-
Low Income	Monitor	Monitor - Home Office Standard	Standard Office Monitor	Standard Office Monitor	Per Unit	Existing	-	5	$	-	100%	-
Low Income	Monitor	Monitor - Home Office Standard	Standard Office Monitor	Standard Office Monitor	Per Unit	New	-	5	$	-	100%	-
Low Income	Other Plug	DVD System - ENERGY STAR	ENERGY STAR DVD System	Standard DVD System	Per Unit	Existing	18.54	3	$	1	100%	446
Low Income	Other Plug	DVD System - ENERGY STAR	ENERGY STAR DVD System	Standard DVD System	Per Unit	New	18.54	3	$	1	100%	31
Low Income	Other Plug	DVD System - Standard	Standard DVD System	Standard DVD System	Per Unit	Existing	-	3	$	-	100%	-
Low Income	Other Plug	DVD System - Standard	Standard DVD System	Standard DVD System	Per Unit	New	-	3	$	-	100%	-
Low Income	Plug Load	Battery Chargers	Energy Star Battery Chargers	Standard Battery Chargers	Per Battary Charger	Existing	12.16	3	$	5	36%	-
Low Income	Plug Load	Battery Chargers	Energy Star Battery Chargers	Standard Battery Chargers	Per Battary Charger	New	12.16	3	$	5	36%	-
Low Income	Plug Load	Ceiling Fans	ENERGY STAR Ceiling Fans with Light Kit	Standard Ceiling Fan	Per Ceiling Fan	Existing	65.65	10	$	120	51%	-
Low Income	Plug Load	Ceiling Fans	ENERGY STAR Ceiling Fans with Light Kit	Standard Ceiling Fan	Per Ceiling Fan	New	65.65	10	$	120	51%	-
Low Income	Plug Load	Ceiling Fans	ENERGY STAR Ceiling Fans without Light Kit	Standard Ceiling Fan	Per Ceiling Fan	Existing	4.33	10	$	1	51%	89
Low Income	Plug Load	Ceiling Fans	ENERGY STAR Ceiling Fans without Light Kit	Standard Ceiling Fan	Per Ceiling Fan	New	4.33	10	$	1	51%	6
Low Income	Plug Load	Cordless Phone - ENERGY STAR	ENERGY STAR Cordless Phone	Standard Cordless Phone	Per Cordless Phone	Existing	25.60	5	$	1	29%	303
Low Income	Plug Load	Cordless Phone - ENERGY STAR	ENERGY STAR Cordless Phone	Standard Cordless Phone	Per Cordless Phone	New	25.60	5	$	1	29%	21
Low Income	Plug Load	Home Office - Server	ENERGY STAR Home Server	Standard Office Server	Per Home Server	Existing	24.87	4	$	9	4%	-
Low Income	Plug Load	Home Office - Server	ENERGY STAR Home Server	Standard Office Server	Per Home Server	New	24.87	4	$	9	4%	-
Low Income	Plug Load	Plug Load - Other	Plug Load Other	Plug Load Other	Per Household	Existing	-	5	$	-	100%	-
Low Income	Plug Load	Plug Load - Other	Plug Load Other	Plug Load Other	Per Household	New	-	5	$	-	100%	-
Low Income	Plug Load	Smart Strip	Smart Strip	Standard Power Strip	Per Smart Strip	Existing	100.00	5	$	22	62%	2,502
Low Income	Plug Load	Smart Strip	Smart Strip	Standard Power Strip	Per Smart Strip	New	100.00	5	$	22	62%	171
Low Income	Printer	Printer - Home Office ENERGY STAR	ENERGY STAR Office Printer	Standard Printer	Per Unit	Existing	32.21	5	$	13	100%	-
Low Income	Printer	Printer - Home Office ENERGY STAR	ENERGY STAR Office Printer	Standard Printer	Per Unit	New	32.21	5	$	13	100%	-
Low Income	Printer	Printer - Standard	Standard Printer	Standard Printer	Per Unit	Existing	-	5	$	-	100%	-
Low Income	Printer	Printer - Standard	Standard Printer	Standard Printer	Per Unit	New	-	5	$	-	100%	-
Low Income	Refrigerator	Refrigerator - Below Standard	Below Standard Refrigerator	Below Standard Refrigerator	Per Unit	Existing	-	7	$	-	100%	-
Low Income	Refrigerator	Refrigerator - Below Standard	Below Standard Refrigerator	Below Standard Refrigerator	Per Unit	New	-	7	$	-	100%	-
Low Income	Refrigerator	Refrigerator - CEE Tier 2	CEE Tier 2 Refrigerator	Standard Refrigerator - Federal Standard 2001	Per Unit	Existing	142.20	13	$	430	100%	-
Low Income	Refrigerator	Refrigerator - CEE Tier 2	CEE Tier 2 Refrigerator	Standard Refrigerator - Federal Standard 2001	Per Unit	New	142.20	13	$	430	100%	-
Low Income	Refrigerator	Refrigerator - CEE Tier 3	CEE Tier 3 Refrigerator	Standard Refrigerator - Federal Standard 2001	Per Unit	Existing	170.65	13	$	581	100%	-
Low Income	Refrigerator	Refrigerator - CEE Tier 3	CEE Tier 3 Refrigerator	Standard Refrigerator - Federal Standard 2001	Per Unit	New	170.65	13	$	581	100%	-
Low Income	Refrigerator	Refrigerator - ENERGY STAR	ENERGY STAR Refrigerator	Standard Refrigerator - Federal Standard 2001	Per Unit	Existing	113.76	13	$	251	100%	-
Low Income	Refrigerator	Refrigerator - ENERGY STAR	ENERGY STAR Refrigerator	Standard Refrigerator - Federal Standard 2001	Per Unit	New	113.76	13	$	251	100%	-
Low Income	Refrigerator	Refrigerator - Federal Standard	Federal Standard In 2014 (NAECA)	Standard Refrigerator - Federal Standard 2001	Per Unit	Existing	56.45	13	$	125	100%	-
Low Income	Refrigerator	Refrigerator - Federal Standard	Federal Standard In 2014 (NAECA)	Standard Refrigerator - Federal Standard 2001	Per Unit	New	56.45	13	$	125	100%	-
Low Income	Refrigerator	Refrigerator - Standard 2001	Standard Refrigerator - Federal Standard 2001	Standard Refrigerator - Federal Standard 2001	Per Unit	Existing	-	13	$	-	100%	-
Low Income	Refrigerator	Refrigerator - Standard 2001	Standard Refrigerator - Federal Standard 2001	Standard Refrigerator - Federal Standard 2001	Per Unit	New	-	13	$	-	100%	-
Low Income	Refrigerator	Removal of Secondary	Proper Disposal of Refrigerator/Freezer Combo	Existing Non-Efficient Refrigerator/Freezer	Per Recyled Unit	Existing	1,140.00	5	$	30	16%	7,466
Low Income	Set Top Box	Digital Set Top Receiver - ENERGY	ENERGY STAR Digital Set Top Receiver	Standard Digital Set Top Receiver	Per Unit	Existing	164.69	5	$	12	100%	3,047
Low Income	Set Top Box	Digital Set Top Receiver - ENERGY	ENERGY STAR Digital Set Top Receiver	Standard Digital Set Top Receiver	Per Unit	New	164.69	5	$	12	100%	233
Low Income	Set Top Box	Digital Set Top Receiver - Standard	Standard Digital Set Top Receiver	Standard Digital Set Top Receiver	Per Unit	Existing	-	5	$	-	100%	-
Low Income	Set Top Box	Digital Set Top Receiver - Standard	Standard Digital Set Top Receiver	Standard Digital Set Top Receiver	Per Unit	New	-	5	$	-	100%	-
Low Income	Television	TV - ENERGY STAR	ENERGY STAR TV	Standard TV	Per Unit	Existing	118.67	5	$	55	100%	-
Low Income	Television	TV - ENERGY STAR	ENERGY STAR TV	Standard TV	Per Unit	New	118.67	5	$	55	100%	-
Low Income	Television	TV - Standard	Standard TV	Standard TV	Per Unit	Existing	-	5	$	-	100%	-
Low Income	Television	TV - Standard	Standard TV	Standard TV	Per Unit	New	-	5	$	-	100%	-
Low Income	Ventilation	ECM Motor - Air	Air Conditioner/Electric/Gas Furnace ECM Fan	Standard Motor	Per ECM	Existing	280.25	15	$	200	62%	5,111

Low Income	Ventilation	ECM Motor - Air	Air Conditioner/Electric/Gas Furnace ECM Fan	Standard Motor	Per ECM	New	222.36	15	$ 200	90%	411
Low Income	Ventilation	Motor - Standard	Standard Motor - Ventilation And Circulation	Standard Motor	Per Household	Existing	-	20	$ -	100%	-
Low Income	Ventilation	Motor - Standard	Standard Motor - Ventilation And Circulation	Standard Motor	Per Household	New	-	20	$ -	100%	-
Low Income	Water Heat	Clothes Washer	Clothes Washer Enhanced Efficiency MEF =	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	428.67	11	$ 790	27%	-
Low Income	Water Heat	Clothes Washer	Clothes Washer Enhanced Efficiency MEF =	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	428.67	11	$ 790	27%	-
Low Income	Water Heat	Clothes Washer	Clothes Washer CEE Tier 2 MEF = 2.2 and WF	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	308.59	11	$ 392	24%	-
Low Income	Water Heat	Clothes Washer	Clothes Washer CEE Tier 2 MEF = 2.2 and WF	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	308.59	11	$ 392	25%	-
Low Income	Water Heat	Clothes Washer	Clothes Washer CEE Tier 3 MEF = 2.4 and WF	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	343.06	11	$ 565	26%	-
Low Income	Water Heat	Clothes Washer	Clothes Washer CEE Tier 3 MEF = 2.4 and WF =	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	343.06	11	$ 565	26%	-
Low Income	Water Heat	Clothes Washer	Clothes Washer ENERGY STAR MEF = 2.0 and '	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	267.22	11	$ 135	20%	470
Low Income	Water Heat	Clothes Washer	Clothes Washer ENERGY STAR MEF = 2.0 and '	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	267.22	11	$ 135	20%	32
Low Income	Water Heat	Clothes Washer	Steam Clothes Washer	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	428.88	11	$ 790	27%	-
Low Income	Water Heat	Clothes Washer	Steam Clothes Washer	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	428.88	11	$ 790	27%	-
Low Income	Water Heat	Desuperheaters - Air Conditioner	Add-on Desuperheaters to Air Conditioner	No Desuperheater	Per Desuperheater	Existing	233.10	10	$ 600	43%	-
Low Income	Water Heat	Desuperheaters - Air Source Heat	Add-on Desuperheaters to Air Source Heat	No Desuperheater	Per Desuperheater	Existing	466.19	10	$ 600	0%	-
Low Income	Water Heat	Desuperheaters - Ground Source Heat	Add-on Desuperheaters to Ground Source Heat	No Desuperheater	Per Desuperheater	Existing	466.19	10	$ 600	0%	-
Low Income	Water Heat	Dishwasher	Dishwasher Enhanced Efficiency (EF 1.00) 200	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	Existing	155.00	11	$ 1,067	21%	-
Low Income	Water Heat	Dishwasher	Dishwasher Enhanced Efficiency (EF 1.00) 200	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	New	155.00	11	$ 1,067	21%	-
Low Income	Water Heat	Dishwasher	ENERGY STAR 295 kWh/yr and 4.25	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	Existing	60.00	11	$ 272	7%	-
Low Income	Water Heat	Dishwasher	ENERGY STAR 295 kWh/yr and 4.25	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	New	60.00	11	$ 272	7%	-
Low Income	Water Heat	Drain-Water Heat Recovery	Drain-Water Heat Recovery	No Drain Water Heat Recovery	Per Drain-Water Heat Recovery System	Existing	545.45	40	$ 936	10%	368
Low Income	Water Heat	Drain-Water Heat Recovery	Drain-Water Heat Recovery	No Drain Water Heat Recovery	Per Drain-Water Heat Recovery System	New	512.11	40	$ 936	71%	180
Low Income	Water Heat	Faucet Aerators	0.5 GPM	2.2 GPM (Federal Code)	Per Faucet Aerator	Existing	104.63	10	$ 2	85%	801
Low Income	Water Heat	Faucet Aerators	0.5 GPM	2.2 GPM (Federal Code)	Per Faucet Aerator	New	99.65	10	$ 2	90%	55
Low Income	Water Heat	Faucet Aerators	1.5 GPM	2.2 GPM (Federal Code)	Per Faucet Aerator	Existing	43.08	10	$ 1	26%	5
Low Income	Water Heat	Faucet Aerators	1.5 GPM	2.2 GPM (Federal Code)	Per Faucet Aerator	New	41.03	10	$ 1	28%	-
Low Income	Water Heat	Faucet Aerators	2.0 GPM	2.2 GPM (Federal Code)	Per Faucet Aerator	Existing	12.31	10	$ 1	14%	-
Low Income	Water Heat	Faucet Aerators	2.0 GPM	2.2 GPM (Federal Code)	Per Faucet Aerator	New	11.72	10	$ 1	15%	-
Low Income	Water Heat	Faucet Aerators	2.2 GPM (Federal Code)	Existing Faucet Aerator GPM	Per Faucet Aerator	Existing	49.24	10	$ 3	9%	40
Low Income	Water Heat	Hot Tub Covers	Hot Tub Covers R-21	Existing Cover R-10	Per Hot Tub Cover	Existing	172.07	6	$ 524	1%	-
Low Income	Water Heat	Low-Flow Showerheads	1.5 GPM - Showerhead	2.5 GPM (Federal Code)	Per Showerhead	Existing	308.05	10	$ 8	80%	2,225
Low Income	Water Heat	Low-Flow Showerheads	1.5 GPM - Showerhead	2.5 GPM (Federal Code)	Per Showerhead	New	293.38	10	$ 8	80%	144
Low Income	Water Heat	Low-Flow Showerheads	2.0 GPM - Showerhead	2.5 GPM (Federal Code)	Per Showerhead	Existing	154.03	10	$ 13	38%	27
Low Income	Water Heat	Low-Flow Showerheads	2.0 GPM - Showerhead	2.5 GPM (Federal Code)	Per Showerhead	New	146.69	10	$ 13	38%	2
Low Income	Water Heat	Low-Flow Showerheads	2.5 GPM (Federal Code)	Existing Showerhead GPM	Per Showerhead	Existing	154.03	10	$ 24	23%	323
Low Income	Water Heat	Solar Hot Water (SHW)	Solar Thermal Collector	Standard Storage Hot Water Heater	Per Solar Water System	Existing	1,165.48	15	$ 6,238	15%	-
Low Income	Water Heat	Solar Hot Water (SHW)	Solar Thermal Collector	Standard Storage Hot Water Heater	Per Solar Water System	New	1,094.25	15	$ 4,878	15%	-
Low Income	Water Heat	Water Heater - Below Standard	EF = 0.88 Below Standard Water Heater	EF = 0.88 Below Standard Water Heater	Per Unit	Existing	-	7	$ -	100%	-
Low Income	Water Heat	Water Heater - Below Standard	EF = 0.88 Below Standard Water Heater	EF = 0.88 Below Standard Water Heater	Per Unit	New	-	7	$ -	100%	-
Low Income	Water Heat	Water Heater - Heat Pump	Heat Pump Water Heater ENERGY STAR EF =	EF = 0.92 Federal Standard 2001	Per Unit	Existing	1,244.50	13	$ 1,281	60%	-
Low Income	Water Heat	Water Heater - Heat Pump	Heat Pump Water Heater ENERGY STAR EF =	EF = 0.92 Federal Standard 2001	Per Unit	New	1,185.24	13	$ 1,281	60%	-
Low Income	Water Heat	Water Heater - Pipe Insulation	Hot Water Pipe Insulation (R-4)	No Pipe Insulation	Per Pipe Insulation	Existing	69.31	13	$ 6	30%	157
Low Income	Water Heat	Water Heater - Pipe Insulation	Hot Water Pipe Insulation (R-4)	No Pipe Insulation	Per Pipe Insulation	New	69.31	13	$ 6	45%	16
Low Income	Water Heat	Water Heater - Storage 2001 Standard	EF = 0.92 Federal Standard 2001	EF = 0.92 Federal Standard 2001	Per Unit	Existing	-	13	$ -	100%	-
Low Income	Water Heat	Water Heater - Storage 2001 Standard	EF = 0.92 Federal Standard 2001	EF = 0.92 Federal Standard 2001	Per Unit	New	-	13	$ -	100%	-
Low Income	Water Heat	Water Heater - Storage 2015 Standard	Water Heater - Storage Federal Standard April	EF = 0.92 Federal Standard 2001	Per Unit	Existing	74.68	13	$ 43	100%	-
Low Income	Water Heat	Water Heater - Storage 2015 Standard	Water Heater - Storage Federal Standard April	EF = 0.92 Federal Standard 2001	Per Unit	New	71.13	13	$ 43	100%	-
Low Income	Water Heat	Water Heater - Tank Blanket/Insulation	Install Insulation (R-11)	No Tank Insulation	Per Tank Wrap	Existing	151.51	13	$ 18	10%	114
Low Income	Water Heat	Water Heater - Tankless	Tankless EF= 0.98	EF = 0.92 Federal Standard 2001	Per Unit	Existing	147.30	20	$ 261	0%	-
Low Income	Water Heat	Water Heater - Tankless	Tankless EF= 0.98	EF = 0.92 Federal Standard 2001	Per Unit	New	140.29	20	$ 261	0%	-
Low Income	Water Heat	Water Heater - Thermostat Setback	120 Degrees	135 Degrees	Per Set-Back	Existing	445.41	4	$ 10	7%	239
Low Income	Water Heat	Water Heater - Thermostat Setback	120 Degrees	135 Degrees	Per Set-Back	New	418.19	4	$ 10	7%	15
Low Income	Computer	Computer - Home Office ENERGY	ENERGY STAR Office Computer	Standard Office Computer	Per Unit	Existing	76.64	4	$ 9	100%	4,810
Low Income	Computer	Computer - Home Office ENERGY	ENERGY STAR Office Computer	Standard Office Computer	Per Unit	New	76.64	4	$ 9	100%	348
Low Income	Computer	Computer - Home Office Standard	Standard Office Computer	Standard Office Computer	Per Unit	Existing	-	4	$ -	100%	-
Low Income	Computer	Computer - Home Office Standard	Standard Office Computer	Standard Office Computer	Per Unit	New	-	4	$ -	100%	-
Low Income	Cooking	Oven - Convection	Convection Oven	Standard Oven	Per Unit	Existing	102.21	19	$ 177	100%	-
Low Income	Cooking	Oven - Convection	Convection Oven	Standard Oven	Per Unit	New	102.21	19	$ 177	100%	-
Low Income	Cooking	Oven - Standard	Standard Oven	Standard Oven	Per Unit	Existing	-	19	$ -	100%	-
Low Income	Cooking	Oven - Standard	Standard Oven	Standard Oven	Per Unit	New	-	19	$ -	100%	-
Low Income	Cooking	Cooking Range - Standard	Standard Cooking Range	Standard Cooking Range	Per Unit	Existing	-	19	$ -	100%	-
Low Income	Cooking	Cooking Range - Standard	Standard Cooking Range	Standard Cooking Range	Per Unit	New	-	19	$ -	100%	-
Low Income	Cool Central	Attic Fan	Attic Fan For Summer Cooling	No Attic Fan with Central Cooling	Per Attic Fan	Existing	124.21	19	$ 249	82%	2,429

Low Income	Cool Central	Central Air Conditioners - Below	Below Standard SEER 10	Below Standard SEER 10	Per Household	Existing	-	8	$ -	100%	-
Low Income	Cool Central	Central Air Conditioners - Below	Below Standard SEER 10	Below Standard SEER 10	Per Household	New	-	8	$ -	100%	-
Low Income	Cool Central	Central Air Conditioners - CEE Tier 2	CEE Tier 2 SEER/EER 15/12.5 (Split System)	Federal Standard 13 SEER	Per Household	Existing	279.07	15	$ 714	100%	-
Low Income	Cool Central	Central Air Conditioners - CEE Tier 2	CEE Tier 2 SEER/EER 15/12.5 (Split System)	Federal Standard 13 SEER	Per Household	New	212.27	15	$ 714	100%	-
Low Income	Cool Central	Central Air Conditioners - CEE Tier 3	CEE Tier 3 SEER/EER 16/13 (Split System)	Federal Standard 13 SEER	Per Household	Existing	392.44	15	$ 1,071	100%	-
Low Income	Cool Central	Central Air Conditioners - CEE Tier 3	CEE Tier 3 SEER/EER 16/13 (Split System)	Federal Standard 13 SEER	Per Household	New	298.50	15	$ 1,071	100%	406
Low Income	Cool Central	Central Air Conditioners - ENERGY	ENERGY STAR SEER/EER 14.5/12 (Split	Federal Standard 13 SEER	Per Household	Existing	216.52	15	$ 536	100%	-
Low Income	Cool Central	Central Air Conditioners - ENERGY	ENERGY STAR SEER/EER 14.5/12 (Split	Federal Standard 13 SEER	Per Household	New	164.69	15	$ 536	100%	-
Low Income	Cool Central	Central Air Conditioners - Enhanced	Enhanced SEER/EER 18/14 (Split System)	Federal Standard 13 SEER	Per Household	Existing	581.39	15	$ 1,788	100%	7,036
Low Income	Cool Central	Central Air Conditioners - Enhanced	Enhanced SEER/EER 18/14 (Split System)	Federal Standard 13 SEER	Per Household	New	442.22	15	$ 1,788	100%	-
Low Income	Cool Central	Central Air Conditioners - Standard	Federal Standard SEER 13	Federal Standard 13 SEER	Per Household	Existing	-	15	$ -	100%	-
Low Income	Cool Central	Central Air Conditioners - Standard	Federal Standard SEER 13	Federal Standard 13 SEER	Per Household	New	-	15	$ -	100%	-
Low Income	Cool Central	Construction - ICF	Insulated Concrete Forms - Concrete	Standard Wood Framing	Per Building SqFt	New	0.11	40	$ 3	67%	-
Low Income	Cool Central	Construction - SIP	Structural Insulated Panels - Specialty Framing	Standard Wood Framing	Per Building SqFt	New	0.11	40	$ 1	67%	166
Low Income	Cool Central	Cool Roofs	Lighter Colored Shingles (White)	Standard Roof Shingles	Per Roof SqFT	Existing	0.33	20	$ 0	45%	-
Low Income	Cool Central	Cool Roofs	Lighter Colored Shingles (White)	Standard Roof Shingles	Per Roof SqFT	New	0.23	20	$ 0	45%	-
Low Income	Cool Central	Doors	ENERGY STAR Door (R-4.8)	Standard Code Door (R-2.9)	Per Door SqFt	Existing	0.34	20	$ 1	61%	11
Low Income	Cool Central	Doors	ENERGY STAR Door (R-4.8)	Standard Code Door (R-2.9)	Per Door SqFt	New	0.25	20	$ 1	61%	1
Low Income	Cool Central	Doors	Thermal Door (R-10)	Standard Code Door (R-2.9)	Per Door SqFt	Existing	0.62	20	$ 3	76%	378
Low Income	Cool Central	Doors	Thermal Door (R-10)	Standard Code Door (R-2.9)	Per Door SqFt	New	0.44	20	$ 3	76%	18
Low Income	Cool Central	Duct Sealing	4 CFM/100sqft of CFA	8 CFM/100sqft of CFA	Per Duct Sealing Installation	New	79.08	18	$ 333	65%	70
Low Income	Cool Central	Duct Sealing	4 CFM/100sqft of CFA	Existing CFM/100sqft of CFA	Per Duct Sealing Installation	Existing	335.42	18	$ 960	33%	2,236
Low Income	Cool Central	Duct Sealing	8 CFM/100sqft of CFA	Existing CFM/100sqft of CFA	Per Duct Sealing Installation	Existing	223.61	18	$ 587	65%	2,270
Low Income	Cool Central	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof sqft	New	0.16	30	$ 13	88%	-
Low Income	Cool Central	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	Existing	223.61	11	$ 612	48%	1,561
Low Income	Cool Central	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	New	102.81	11	$ 612	64%	-
Low Income	Cool Central	Infiltration Reduction	4.0 ACH50	7.0 ACH50	Per Building SqFt	New	0.07	11	$ 0	42%	60
Low Income	Cool Central	Infiltration Reduction	4.0 ACH50	Existing Infiltration (10 ACH50)	Per Building SqFt	Existing	0.20	11	$ 0	19%	995
Low Income	Cool Central	Infiltration Reduction	7.0 ACH50	Existing Infiltration (10 ACH50)	Per Building SqFt	Existing	0.10	11	$ 0	63%	1,909
Low Income	Cool Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-38 (To Code Zone 5)	Average Existing Insulation (R-15.7)	Per Insulated SqFt	Existing	0.08	20	$ 1	27%	286
Low Income	Cool Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (To Code Zone 6)	Average Existing Insulation (R-15.7)	Per Insulated SqFt	Existing	0.09	20	$ 1	27%	332
Low Income	Cool Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (Zone 5)	Code Insulation R-38 (Zone 5)	Per Insulated SqFt	Existing	0.01	20	$ 0	45%	-
Low Income	Cool Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (Zone 5)	Code Insulation R-38 (Zone 5)	Per Insulated SqFt	New	0.01	20	$ 0	45%	-
Low Income	Cool Central	Insulation - Basement Wall	Insulation Basement Wall (R-10 Zone 5)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	-	20	$ 1	12%	-
Low Income	Cool Central	Insulation - Basement Wall	Insulation Basement Wall (R-15 Zone 6)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	-	20	$ 1	24%	-
Low Income	Cool Central	Insulation - Duct	Insulation Duct (R-8)	No Duct Insulation	Per Duct Insulation Installation	Existing	70.44	20	$ 248	71%	1,038
Low Income	Cool Central	Insulation - Floor	Insulation Floor (R-30)	Average Existing Insulation (R-1.8)	Per Insulated SqFt	Existing	-	20	$ 1	60%	-
Low Income	Cool Central	Insulation - Rim/Band Joist	Insulation Rim and Band Joist (R-10)	No Rim And Band Joist Insulation	Per Insulated SqFt	Existing	0.14	20	$ 1	22%	58
Low Income	Cool Central	Insulation - Siding	Vinyl Siding with Foam Backing (R-3)	No Siding Insulation	Per Insulated SqFt	Existing	0.12	20	$ 1	14%	520
Low Income	Cool Central	Insulation - Slab	Insulation Slab (R-15, 4ft)	Code Insulation (R-10, 4ft)	Per Insulated SqFt	New	-	20	$ 0	17%	-
Low Income	Cool Central	Insulation - Wall	Insulation Wall (R-13)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	0.24	20	$ 1	3%	88
Low Income	Cool Central	Insulation - Wall	Insulation Wall (R-20 or R-13 w/ R-5 sheathing)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	0.29	20	$ 1	2%	156
Low Income	Cool Central	Insulation - Wall	Insulation Wall (R-21 + R-5 sheathing)	Code Insulation (R-20 or R-13 w/ R-5	Per Insulated SqFt	New	0.01	20	$ 0	90%	23
Low Income	Cool Central	Quality Install CAC	Quality Installation (QI)	Standard Installation	Per QI Install	Existing	234.79	5	$ 300	45%	-
Low Income	Cool Central	Quality Install CAC	Quality Installation (QI)	Standard Installation	Per QI Install	New	166.08	5	$ 300	45%	-
Low Income	Cool Central	Radiant Barrier (Ceiling)	Radiant Barrier (Ceiling)	No Radiant Barrier	Per Radiant Barrier Install	Existing	228.27	30	$ 675	82%	3,220
Low Income	Cool Central	Radiant Barrier (Ceiling)	Radiant Barrier (Ceiling)	No Radiant Barrier	Per Radiant Barrier Install	New	161.46	30	$ 480	82%	200
Low Income	Cool Central	Solar Attic Fan	Solar Electric Attic Ventilation	Standard Passive Ventilation	Per Solar Fan	Existing	134.17	19	$ 331	49%	1,576
Low Income	Cool Central	Solar Attic Fan	Solar Electric Attic Ventilation	Standard Passive Ventilation	Per Solar Fan	New	94.90	19	$ 331	49%	78
Low Income	Cool Central	Thermostat - Multi-Zone	Individual Room Temperature Control for Major	Programmable Thermostat - Central Control	Per Programmable Control System	New	107.56	11	$ 895	86%	-
Low Income	Cool Central	Thermostat - Programmable	Setback Thermostat 5-1-1, 5-2 or 7-Day	Manual Thermostat	Per Programmable Control	Existing	78.26	15	$ 33	67%	-
Low Income	Cool Central	Thermostat - WiFi Programmable	WiFi Programmable Thermostat	Programmable Thermostat - Central Control	Per Programmable Control	Existing	78.49	15	$ 167	70%	445
Low Income	Cool Central	Thermostat - WiFi Programmable	WiFi Programmable Thermostat	Programmable Thermostat - Central Control	Per Programmable Control	New	55.52	15	$ 167	90%	78
Low Income	Cool Central	Tune-up - Air Conditioner	Air Conditioner Maintenance (Tune-up)	Unmaintained Air Conditioner	Per Tune-up	Existing	167.71	5	$ 200	71%	1,615
Low Income	Cool Central	Whole-House Fan	Whole-House Fan to Offset Central Cooling	No Whole-House Fan	Per House Fan	Existing	335.42	20	$ 366	48%	3,859
Low Income	Cool Central	Whole-House Fan	Whole-House Fan to Offset Central Cooling	No Whole-House Fan	Per House Fan	New	237.25	20	$ 366	48%	190
Low Income	Cool Central	Window - Film	Window Film (SHGC Reduction=45%)	No Window Film	Per Window SqFt	Existing	0.55	10	$ 5	76%	-
Low Income	Cool Central	Window - Shade	Window Shade/Blind or Thermal Drapes	No Interior Shading Device	Per Window SqFt	Existing	0.37	3	$ 7	38%	-
Low Income	Cool Central	Window - Upgrade	Code Window U-Factor = 0.35 (2009 IECC)	Existing Windows U-Factor	Per Window SqFt	Existing	0.45	20	$ 25	24%	-
Low Income	Cool Central	Window - Upgrade	ENERGY STAR U-Factor = 0.30	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	Existing	0.13	20	$ 8	73%	-
Low Income	Cool Central	Window - Upgrade	ENERGY STAR U-Factor = 0.30	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	New	0.09	20	$ 8	82%	-
Low Income	Cool Central	Window - Upgrade	Smart Window U-Factor = 0.22	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	Existing	0.33	20	$ 33	61%	-
Low Income	Cool Central	Window - Upgrade	Smart Window U-Factor = 0.22	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	New	0.23	20	$ 33	68%	-

Low Income	Cool Room	Construction - ICF	Insulated Concrete Forms - Concrete	Standard Wood Framing	Per Building SqFt	New	0.03	40	$ 3	67%	-
Low Income	Cool Room	Construction - SIP	Structural Insulated Panels - Specialty Framing	Standard Wood Framing	Per Building SqFt	New	0.03	40	$ 1	67%	32
Low Income	Cool Room	Cool Roofs	Lighter Colored Shingles (White)	Standard Roof Shingles	Per Roof SqFT	Existing	0.07	20	$ 0	45%	-
Low Income	Cool Room	Cool Roofs	Lighter Colored Shingles (White)	Standard Roof Shingles	Per Roof SqFT	New	0.07	20	$ 0	45%	-
Low Income	Cool Room	Doors	ENERGY STAR Door (R-4.8)	Standard Code Door (R-2.9)	Per Door SqFt	Existing	0.10	20	$ 1	61%	2
Low Income	Cool Room	Doors	ENERGY STAR Door (R-4.8)	Standard Code Door (R-2.9)	Per Door SqFt	New	0.09	20	$ 1	61%	0
Low Income	Cool Room	Doors	Thermal Door (R-10)	Standard Code Door (R-2.9)	Per Door SqFt	Existing	0.17	20	$ 3	76%	67
Low Income	Cool Room	Doors	Thermal Door (R-10)	Standard Code Door (R-2.9)	Per Door SqFt	New	0.16	20	$ 3	76%	5
Low Income	Cool Room	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof sqft	New	0.02	30	$ 13	88%	-
Low Income	Cool Room	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	Existing	37.10	11	$ 612	48%	-
Low Income	Cool Room	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	New	24.11	11	$ 612	64%	-
Low Income	Cool Room	Infiltration Reduction	4.0 ACH50	7.0 ACH50	Per Building SqFt	New	0.02	11	$ 0	42%	-
Low Income	Cool Room	Infiltration Reduction	4.0 ACH50	Existing Infiltration (10 ACH50)	Per Building SqFt	Existing	0.03	11	$ 0	19%	128
Low Income	Cool Room	Infiltration Reduction	7.0 ACH50	Existing Infiltration (10 ACH50)	Per Building SqFt	Existing	0.02	11	$ 0	63%	211
Low Income	Cool Room	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-38 (To Code Zone 5)	Average Existing Insulation (R-15.7)	Per Insulated SqFt	Existing	0.02	20	$ 1	27%	-
Low Income	Cool Room	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (To Code Zone 6)	Average Existing Insulation (R-15.7)	Per Insulated SqFt	Existing	0.03	20	$ 1	27%	-
Low Income	Cool Room	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (Zone 5)	Code Insulation R-38 (Zone 5)	Per Insulated SqFt	Existing	0.00	20	$ 0	45%	-
Low Income	Cool Room	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (Zone 5)	Code Insulation R-38 (Zone 5)	Per Insulated SqFt	New	0.00	20	$ 0	45%	-
Low Income	Cool Room	Insulation - Basement Wall	Insulation Basement Wall (R-10 Zone 5)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	-	20	$ 1	12%	-
Low Income	Cool Room	Insulation - Basement Wall	Insulation Basement Wall (R-15 Zone 6)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	-	20	$ 1	24%	-
Low Income	Cool Room	Insulation - Floor	Insulation Floor (R-30)	Average Existing Insulation (R-1.8)	Per Insulated SqFt	Existing	-	20	$ 1	60%	-
Low Income	Cool Room	Insulation - Rim/Band Joist	Insulation Rim and Band Joist (R-10)	No Rim And Band Joist Insulation	Per Insulated SqFt	Existing	0.04	20	$ 1	22%	15
Low Income	Cool Room	Insulation - Siding	Vinyl Siding with Foam Backing (R-3)	No Siding Insulation	Per Insulated SqFt	Existing	0.03	20	$ 1	14%	86
Low Income	Cool Room	Insulation - Slab	Insulation Slab (R-15, 4ft)	Code Insulation (R-10, 4ft)	Per Insulated SqFt	New	-	20	$ 0	17%	-
Low Income	Cool Room	Insulation - Wall	Insulation Wall (R-13)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	0.07	20	$ 1	3%	14
Low Income	Cool Room	Insulation - Wall	Insulation Wall (R-20 or R-13 w/ R-5 sheathing)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	0.08	20	$ 1	2%	26
Low Income	Cool Room	Insulation - Wall	Insulation Wall (R-21 + R-5 sheathing)	Code Insulation (R-20 or R-13 w/ R-5	Per Insulated SqFt	New	0.01	20	$ 0	90%	8
Low Income	Cool Room	Radiant Barrier (Ceiling)	Radiant Barrier (Ceiling)	No Radiant Barrier	Per Radiant Barrier Install	Existing	37.87	30	$ 675	82%	-
Low Income	Cool Room	Radiant Barrier (Ceiling)	Radiant Barrier (Ceiling)	No Radiant Barrier	Per Radiant Barrier Install	New	37.87	30	$ 480	82%	-
Low Income	Cool Room	Removal of Secondary Window Air	Proper Disposal of Window Air Conditioner Unit	Existing Non-Efficient Window Air Conditioner	Per Recyled Unit	Existing	378.84	3	$ 30	22%	1,463
Low Income	Cool Room	Room AC - Below Standard	Below Standard 7.7 EER; 8,000-13,999 Btu	Below Standard 7.7 EER; 8,000-13,999 Btu	Per Unit	Existing	-	5	$ -	100%	-
Low Income	Cool Room	Room AC - Below Standard	Below Standard 7.7 EER; 8,000-13,999 Btu	Below Standard 7.7 EER; 8,000-13,999 Btu	Per Unit	New	-	5	$ -	100%	-
Low Income	Cool Room	Room AC - CEE Tier 1	CEE TIER 1 = 11.3 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Unit	Existing	39.51	9	$ 309	100%	-
Low Income	Cool Room	Room AC - CEE Tier 1	CEE TIER 1 = 11.3 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Unit	New	39.51	9	$ 309	100%	-
Low Income	Cool Room	Room AC - CEE Tier 2	CEE TIER 2 = 11.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Unit	Existing	50.45	9	$ 575	100%	-
Low Income	Cool Room	Room AC - CEE Tier 2	CEE TIER 2 = 11.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Unit	New	50.45	9	$ 575	100%	-
Low Income	Cool Room	Room AC - ENERGY STAR	ENERGY STAR = 10.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Unit	Existing	27.56	9	$ 42	100%	360
Low Income	Cool Room	Room AC - ENERGY STAR	ENERGY STAR = 10.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Unit	New	27.56	9	$ 42	100%	38
Low Income	Cool Room	Room AC - Standard	Federal Standard 9.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Unit	Existing	-	9	$ -	100%	-
Low Income	Cool Room	Room AC - Standard	Federal Standard 9.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Unit	New	-	9	$ -	100%	-
Low Income	Cool Room	Window - Film	Window Film (SHGC Reduction=45%)	No Window Film	Per Window SqFt	Existing	0.09	10	$ 5	76%	-
Low Income	Cool Room	Window - Shade	Window Shade/Blind or Thermal Drapes	No Interior Shading Device	Per Window SqFt	Existing	0.06	3	$ 7	38%	-
Low Income	Cool Room	Window - Upgrade	Code Window U-Factor = 0.35 (2009 IECC)	Existing Windows U-Factor	Per Window SqFt	Existing	0.13	20	$ 25	24%	-
Low Income	Cool Room	Window - Upgrade	ENERGY STAR U-Factor = 0.30	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	Existing	0.04	20	$ 8	73%	-
Low Income	Cool Room	Window - Upgrade	ENERGY STAR U-Factor = 0.30	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	New	0.03	20	$ 8	82%	-
Low Income	Cool Room	Window - Upgrade	Smart Window U-Factor = 0.22	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	Existing	0.09	20	$ 33	61%	-
Low Income	Cool Room	Window - Upgrade	Smart Window U-Factor = 0.22	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	New	0.08	20	$ 33	68%	-
Low Income	Copier	Copier - Standard	Standard Copier	Standard Copier	Per Unit	Existing	-	6	$ -	100%	-
Low Income	Copier	Copier - Standard	Standard Copier	Standard Copier	Per Unit	New	-	6	$ -	100%	-
Low Income	Copier	Copiers - Home Office ENERGY STAR	ENERGY STAR Office Copiers	Standard Copier	Per Unit	Existing	73.00	6	$ 1,505	100%	-
Low Income	Copier	Copiers - Home Office ENERGY STAR	ENERGY STAR Office Copiers	Standard Copier	Per Unit	New	73.00	6	$ 1,505	100%	-
Low Income	Dehumidifier	Dehumidifier - Standard	Standard Dehumidifier	Standard Dehumidifier	Per Unit	Existing	-	12	$ -	100%	-
Low Income	Dehumidifier	Dehumidifier - Standard	Standard Dehumidifier	Standard Dehumidifier	Per Unit	New	-	12	$ -	100%	-
Low Income	Dehumidifier	Dehumidifiers - ENERGY STAR	ENERGY STAR Dehumidifiers	Standard Dehumidifier	Per Unit	Existing	117.37	12	$ 34	100%	1,730
Low Income	Dehumidifier	Dehumidifiers - ENERGY STAR	ENERGY STAR Dehumidifiers	Standard Dehumidifier	Per Unit	New	117.37	12	$ 34	100%	203
Low Income	Dryer	Clothes Dryer - Moisture Sensor	Clothes Dryer w/ Moisture Sensor	Standard Dryer without Moisture Sensor	Per Unit	Existing	142.74	11	$ 137	100%	-
Low Income	Dryer	Clothes Dryer - Moisture Sensor	Clothes Dryer w/ Moisture Sensor	Standard Dryer without Moisture Sensor	Per Unit	New	142.74	11	$ 137	100%	-
Low Income	Dryer	Clothes Dryer - Standard without	Standard Dryer without Moisture Sensor	Standard Dryer without Moisture Sensor	Per Unit	Existing	-	11	$ -	100%	-
Low Income	Dryer	Clothes Dryer - Standard without	Standard Dryer without Moisture Sensor	Standard Dryer without Moisture Sensor	Per Unit	New	-	11	$ -	100%	-
Low Income	Dryer	Clothes Dryer - Steam	Steam Clothes Dryer	Standard Dryer without Moisture Sensor	Per Unit	Existing	142.74	11	$ 372	98%	-
Low Income	Dryer	Clothes Dryer - Steam	Steam Clothes Dryer	Standard Dryer without Moisture Sensor	Per Unit	New	142.74	11	$ 372	98%	-
Low Income	Freezer	Freezer - Below Standard	Below Standard Freezer	Below Standard Freezer	Per Unit	Existing	-	6	$ -	100%	-
Low Income	Freezer	Freezer - Below Standard	Below Standard Freezer	Below Standard Freezer	Per Unit	New	-	6	$ -	100%	-

Low Income	Freezer	Freezer - ENERGY STAR	ENERGY STAR Freezer	Standard Freezer - Federal Standard 2001	Per Unit	Existing	55.83	12	$	75	100%	-
Low Income	Freezer	Freezer - ENERGY STAR	ENERGY STAR Freezer	Standard Freezer - Federal Standard 2001	Per Unit	New	55.83	12	$	75	100%	-
Low Income	Freezer	Freezer - Federal Standard September	Standard Freezer - Federal Standard 2014	Standard Freezer - Federal Standard 2001	Per Unit	Existing	159.48	12	$	214	100%	-
Low Income	Freezer	Freezer - Federal Standard September	Standard Freezer - Federal Standard 2014	Standard Freezer - Federal Standard 2001	Per Unit	New	159.48	12	$	214	100%	-
Low Income	Freezer	Freezer - Standard 2001	Standard Freezer - Federal Standard 2001	Standard Freezer - Federal Standard 2001	Per Unit	Existing	-	12	$	-	100%	-
Low Income	Freezer	Freezer - Standard 2001	Standard Freezer - Federal Standard 2001	Standard Freezer - Federal Standard 2001	Per Unit	New	-	12	$	-	100%	-
Low Income	Freezer	Removal of Secondary Stand-Alone	Proper Disposal of Stand-Alone Freezer	Existing Non-Efficient Stand-Alone Freezer	Per Recyled Unit	Existing	916.00	5	$	30	24%	6,905
Low Income	Heat Central	Central Heat - Standard	Standard Central Heat	Standard Central Heat	Per Household	Existing	-	10	$	-	100%	-
Low Income	Heat Central	Central Heat - Standard	Standard Central Heat	Standard Central Heat	Per Household	New	-	10	$	-	100%	-
Low Income	Heat Central	Construction - ICF	Insulated Concrete Forms - Concrete	Standard Wood Framing	Per Building SqFt	New	0.82	40	$	3	67%	-
Low Income	Heat Central	Construction - SIP	Structural Insulated Panels - Specialty Framing	Standard Wood Framing	Per Building SqFt	New	0.82	40	$	1	67%	41
Low Income	Heat Central	Doors	ENERGY STAR Door (R-4.8)	Standard Code Door (R-2.9)	Per Door SqFt	Existing	6.18	20	$	1	61%	7
Low Income	Heat Central	Doors	ENERGY STAR Door (R-4.8)	Standard Code Door (R-2.9)	Per Door SqFt	New	6.18	20	$	1	61%	0
Low Income	Heat Central	Doors	Thermal Door (R-10)	Standard Code Door (R-2.9)	Per Door SqFt	Existing	11.08	20	$	3	76%	255
Low Income	Heat Central	Doors	Thermal Door (R-10)	Standard Code Door (R-2.9)	Per Door SqFt	New	11.08	20	$	3	76%	19
Low Income	Heat Central	Duct Sealing	4 CFM/100sqft of CFA	Existing CFM/100sqft of CFA	Per Duct Sealing Installation	Existing	2,100.00	18	$	960	32%	397
Low Income	Heat Central	Duct Sealing	8 CFM/100sqft of CFA	Existing CFM/100sqft of CFA	Per Duct Sealing Installation	Existing	1,400.00	18	$	587	40%	336
Low Income	Heat Central	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof sqft	New	0.29	30	$	13	88%	-
Low Income	Heat Central	Heat Exchanger - Air-to-Air	Air-to-Air Heat Exchanger	No Air-to-Air Heat Exchanger	Per Heat Exchanger	Existing	2,800.00	18	$	1,085	75%	1,518
Low Income	Heat Central	Heat Exchanger - Air-to-Air	Air-to-Air Heat Exchanger	No Air-to-Air Heat Exchanger	Per Heat Exchanger	New	2,332.80	18	$	1,085	75%	95
Low Income	Heat Central	Heat Pump - Ductless Mini-Split	ENERGY STAR 14.5 SEER, 8.2 HSPF	Electric Baseboard Heating	Per Ductless Heat Pump	Existing	3,905.59	15	$	4,092	38%	-
Low Income	Heat Central	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	Existing	1,400.00	11	$	612	48%	308
Low Income	Heat Central	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	New	758.16	11	$	612	64%	-
Low Income	Heat Central	Infiltration Reduction	4.0 ACH50	7.0 ACH50	Per Building SqFt	New	0.51	11	$	0	42%	-
Low Income	Heat Central	Infiltration Reduction	4.0 ACH50	Existing Infiltration (10 ACH50)	Per Building SqFt	Existing	1.23	11	$	0	19%	204
Low Income	Heat Central	Infiltration Reduction	7.0 ACH50	Existing Infiltration (10 ACH50)	Per Building SqFt	Existing	0.62	11	$	0	63%	346
Low Income	Heat Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-38 (To Code Zone 5)	Average Existing Insulation (R-15.7)	Per Insulated SqFt	Existing	1.46	20	$	1	27%	196
Low Income	Heat Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (To Code Zone 6)	Average Existing Insulation (R-15.7)	Per Insulated SqFt	Existing	1.70	20	$	1	27%	206
Low Income	Heat Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (Zone 5)	Code Insulation R-38 (Zone 5)	Per Insulated SqFt	Existing	0.25	20	$	0	45%	-
Low Income	Heat Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (Zone 5)	Code Insulation R-38 (Zone 5)	Per Insulated SqFt	New	0.25	20	$	0	45%	-
Low Income	Heat Central	Insulation - Basement Wall	Insulation Basement Wall (R-10 Zone 5)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	4.25	20	$	1	12%	214
Low Income	Heat Central	Insulation - Basement Wall	Insulation Basement Wall (R-15 Zone 6)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	4.93	20	$	1	24%	533
Low Income	Heat Central	Insulation - Duct	Insulation Duct (R-8)	No Duct Insulation	Per Duct Insulation Installation	Existing	595.00	20	$	248	71%	315
Low Income	Heat Central	Insulation - Floor	Insulation Floor (R-30)	Average Existing Insulation (R-1.8)	Per Insulated SqFt	Existing	1.24	20	$	1	60%	357
Low Income	Heat Central	Insulation - Rim/Band Joist	Insulation Rim and Band Joist (R-10)	No Rim And Band Joist Insulation	Per Insulated SqFt	Existing	2.54	20	$	1	22%	42
Low Income	Heat Central	Insulation - Siding	Vinyl Siding with Foam Backing (R-3)	No Siding Insulation	Per Insulated SqFt	Existing	2.21	20	$	1	14%	357
Low Income	Heat Central	Insulation - Slab	Insulation Slab (R-15, 4ft)	Code Insulation (R-10, 4ft)	Per Insulated SqFt	New	0.80	20	$	0	17%	6
Low Income	Heat Central	Insulation - Wall	Insulation Wall (R-13)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	4.38	20	$	1	3%	56
Low Income	Heat Central	Insulation - Wall	Insulation Wall (R-20 or R-13 w/ R-5 sheathing)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	5.13	20	$	1	2%	100
Low Income	Heat Central	Insulation - Wall	Insulation Wall (R-21 + R-5 sheathing)	Code Insulation (R-20 or R-13 w/ R-5	Per Insulated SqFt	New	0.37	20	$	0	90%	27
Low Income	Heat Central	Radiant Barrier (Ceiling)	Radiant Barrier (Ceiling)	No Radiant Barrier	Per Radiant Barrier Install	Existing	280.00	30	$	675	82%	-
Low Income	Heat Central	Radiant Barrier (Ceiling)	Radiant Barrier (Ceiling)	No Radiant Barrier	Per Radiant Barrier Install	New	233.28	30	$	480	82%	-
Low Income	Heat Central	Thermostat - Multi-Zone	Individual Room Temperature Control for Major	Programmable Thermostat - Central Control	Per Programmable Control System	New	793.15	11	$	895	86%	-
Low Income	Heat Central	Thermostat - Programmable	Setback Thermostat 5-1-1, 5-2 or 7-Day	Manual Thermostat	Per Programmable Control	Existing	490.00	15	$	33	67%	-
Low Income	Heat Central	Thermostat - WiFi Programmable	WiFi Programmable Thermostat	Programmable Thermostat - Central Control	Per Programmable Control	Existing	491.40	15	$	167	70%	78
Low Income	Heat Central	Thermostat - WiFi Programmable	WiFi Programmable Thermostat	Programmable Thermostat - Central Control	Per Programmable Control	New	409.41	15	$	167	90%	17
Low Income	Heat Central	Window - Upgrade	Code Window U-Factor = 0.35 (2009 IECC)	Existing Windows U-Factor	Per Window SqFt	Existing	8.15	20	$	25	24%	-
Low Income	Heat Central	Window - Upgrade	ENERGY STAR U-Factor = 0.30	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	Existing	2.26	20	$	8	73%	-
Low Income	Heat Central	Window - Upgrade	ENERGY STAR U-Factor = 0.30	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	New	2.26	20	$	8	82%	-
Low Income	Heat Central	Window - Upgrade	Smart Window U-Factor = 0.22	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	Existing	5.89	20	$	33	61%	-
Low Income	Heat Central	Window - Upgrade	Smart Window U-Factor = 0.22	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	New	5.89	20	$	33	68%	-
Low Income	Heat Pump	Attic Fan	Attic Fan For Summer Cooling	No Attic Fan with Central Cooling	Per Attic Fan	Existing	131.25	19	$	249	82%	-
Low Income	Heat Pump	Construction - ICF	Insulated Concrete Forms - Concrete	Standard Wood Framing	Per Building SqFt	New	0.87	40	$	3	67%	-
Low Income	Heat Pump	Construction - SIP	Structural Insulated Panels - Specialty Framing	Standard Wood Framing	Per Building SqFt	New	0.87	40	$	1	67%	29
Low Income	Heat Pump	Cool Roofs	Lighter Colored Shingles (White)	Standard Roof Shingles	Per Roof SqFT	Existing	0.06	20	$	0	45%	-
Low Income	Heat Pump	Cool Roofs	Lighter Colored Shingles (White)	Standard Roof Shingles	Per Roof SqFT	New	0.05	20	$	0	45%	-
Low Income	Heat Pump	Doors	ENERGY STAR Door (R-4.8)	Standard Code Door (R-2.9)	Per Door SqFt	Existing	3.27	20	$	1	61%	3
Low Income	Heat Pump	Doors	ENERGY STAR Door (R-4.8)	Standard Code Door (R-2.9)	Per Door SqFt	New	2.82	20	$	1	61%	0
Low Income	Heat Pump	Doors	Thermal Door (R-10)	Standard Code Door (R-2.9)	Per Door SqFt	Existing	5.87	20	$	3	76%	73
Low Income	Heat Pump	Doors	Thermal Door (R-10)	Standard Code Door (R-2.9)	Per Door SqFt	New	5.05	20	$	3	76%	4
Low Income	Heat Pump	Duct Sealing	4 CFM/100sqft of CFA	8 CFM/100sqft of CFA	Per Duct Sealing Installation	New	614.28	18	$	333	65%	12
Low Income	Heat Pump	Duct Sealing	4 CFM/100sqft of CFA	Existing CFM/100sqft of CFA	Per Duct Sealing Installation	Existing	2,215.97	18	$	960	33%	335
Low Income	Heat Pump	Duct Sealing	8 CFM/100sqft of CFA	Existing CFM/100sqft of CFA	Per Duct Sealing Installation	Existing	1,477.31	18	$	587	65%	335

Low Income	Heat Pump	ECM Motor - Air Source Heat Pump	Air Source Heat Pump ECM Fan	Standard Motor	Per ECM	Existing	438.37	15	$ 200	62%	108
Low Income	Heat Pump	ECM Motor - Air Source Heat Pump	Air Source Heat Pump ECM Fan	Standard Motor	Per ECM	New	428.13	15	$ 200	90%	12
Low Income	Heat Pump	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof sqft	New	0.45	30	$ 13	88%	-
Low Income	Heat Pump	Heat Exchanger - Air-to-Air	Air-to-Air Heat Exchanger	No Air-to-Air Heat Exchanger	Per Heat Exchanger	Existing	2,954.62	18	$ 1,085	75%	1,317
Low Income	Heat Pump	Heat Exchanger - Air-to-Air	Air-to-Air Heat Exchanger	No Air-to-Air Heat Exchanger	Per Heat Exchanger	New	2,457.11	18	$ 1,085	75%	69
Low Income	Heat Pump	Heat Pump - Below Standard	Below Standard SEER 10 and HSPF 7.2	Below Standard SEER 10 and HSPF 7.2	Per Household	Existing	-	9	$ -	100%	-
Low Income	Heat Pump	Heat Pump - Below Standard	Below Standard SEER 10 and HSPF 7.2	Below Standard SEER 10 and HSPF 7.2	Per Household	New	-	9	$ -	100%	-
Low Income	Heat Pump	Heat Pump - CEE Tier 2	CEE Tier 2 SEER/EER 15/12.5 and HSPF 8.5	Federal Standard SEER 13 and HSPF 7.7	Per Household	Existing	1,365.37	18	$ 822	100%	-
Low Income	Heat Pump	Heat Pump - CEE Tier 2	CEE Tier 2 SEER/EER 15/12.5 and HSPF 8.5	Federal Standard SEER 13 and HSPF 7.7	Per Household	New	1,131.70	18	$ 822	100%	-
Low Income	Heat Pump	Heat Pump - ENERGY STAR	ENERGY STAR SEER/EER 14.5/12 and HSPF	Federal Standard SEER 13 and HSPF 7.7	Per Household	Existing	920.30	18	$ 617	100%	-
Low Income	Heat Pump	Heat Pump - ENERGY STAR	ENERGY STAR SEER/EER 14.5/12 and HSPF	Federal Standard SEER 13 and HSPF 7.7	Per Household	New	760.36	18	$ 617	100%	-
Low Income	Heat Pump	Heat Pump - Enhanced	Enhanced SEER/EER 16/13 and HSPF 9.0	Federal Standard SEER 13 and HSPF 7.7	Per Household	Existing	2,059.62	18	$ 1,233	100%	318
Low Income	Heat Pump	Heat Pump - Enhanced	Enhanced SEER/EER 16/13 and HSPF 9.0	Federal Standard SEER 13 and HSPF 7.7	Per Household	New	1,709.58	18	$ 1,233	100%	27
Low Income	Heat Pump	Heat Pump - Ground Source	GSHP ENERGY STAR EER 17.1 and 3.6 COP	Federal Standard SEER 13 and HSPF 7.7	Per Household	Existing	5,055.17	18	$ 9,987	25%	-
Low Income	Heat Pump	Heat Pump - Ground Source	GSHP ENERGY STAR EER 17.1 and 3.6 COP	Federal Standard SEER 13 and HSPF 7.7	Per Household	New	4,214.60	18	$ 10,109	25%	-
Low Income	Heat Pump	Heat Pump - Standard	Federal Standard SEER 13 and HSPF 7.7	Federal Standard SEER 13 and HSPF 7.7	Per Household	Existing	-	18	$ -	100%	-
Low Income	Heat Pump	Heat Pump - Standard	Federal Standard SEER 13 and HSPF 7.7	Federal Standard SEER 13 and HSPF 7.7	Per Household	New	-	18	$ -	100%	-
Low Income	Heat Pump	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	Existing	1,477.31	11	$ 612	48%	267
Low Income	Heat Pump	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	New	798.56	11	$ 612	64%	12
Low Income	Heat Pump	Infiltration Reduction	4.0 ACH50	7.0 ACH50	Per Building SqFt	New	0.54	11	$ 0	42%	10
Low Income	Heat Pump	Infiltration Reduction	4.0 ACH50	Existing Infiltration (10 ACH50)	Per Building SqFt	Existing	1.30	11	$ 0	19%	164
Low Income	Heat Pump	Infiltration Reduction	7.0 ACH50	Existing Infiltration (10 ACH50)	Per Building SqFt	Existing	0.65	11	$ 0	63%	284
Low Income	Heat Pump	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-38 (To Code Zone 5)	Average Existing Insulation (R-15.7)	Per Insulated SqFt	Existing	0.77	20	$ 1	27%	62
Low Income	Heat Pump	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (To Code Zone 6)	Average Existing Insulation (R-15.7)	Per Insulated SqFt	Existing	0.90	20	$ 1	27%	70
Low Income	Heat Pump	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (Zone 5)	Code Insulation R-38 (Zone 5)	Per Insulated SqFt	Existing	0.13	20	$ 0	45%	-
Low Income	Heat Pump	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (Zone 5)	Code Insulation R-38 (Zone 5)	Per Insulated SqFt	New	0.11	20	$ 0	45%	-
Low Income	Heat Pump	Insulation - Basement Wall	Insulation Basement Wall (R-10 Zone 5)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	1.89	20	$ 1	12%	46
Low Income	Heat Pump	Insulation - Basement Wall	Insulation Basement Wall (R-15 Zone 6)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	2.20	20	$ 1	24%	116
Low Income	Heat Pump	Insulation - Duct	Insulation Duct (R-8)	No Duct Insulation	Per Duct Insulation Installation	Existing	601.87	20	$ 248	71%	216
Low Income	Heat Pump	Insulation - Floor	Insulation Floor (R-30)	Average Existing Insulation (R-1.8)	Per Insulated SqFt	Existing	0.66	20	$ 1	60%	117
Low Income	Heat Pump	Insulation - Rim/Band Joist	Insulation Rim and Band Joist (R-10)	No Rim And Band Joist Insulation	Per Insulated SqFt	Existing	1.34	20	$ 1	22%	13
Low Income	Heat Pump	Insulation - Siding	Vinyl Siding with Foam Backing (R-3)	No Siding Insulation	Per Insulated SqFt	Existing	1.17	20	$ 1	14%	103
Low Income	Heat Pump	Insulation - Slab	Insulation Slab (R-15, 4ft)	Code Insulation (R-10, 4ft)	Per Insulated SqFt	New	0.30	20	$ 0	17%	1
Low Income	Heat Pump	Insulation - Wall	Insulation Wall (R-13)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	2.32	20	$ 1	3%	16
Low Income	Heat Pump	Insulation - Wall	Insulation Wall (R-20 or R-13 w/ R-5 sheathing)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	2.72	20	$ 1	2%	29
Low Income	Heat Pump	Insulation - Wall	Insulation Wall (R-21 + R-5 sheathing)	Code Insulation (R-20 or R-13 w/ R-5	Per Insulated SqFt	New	0.17	20	$ 0	90%	5
Low Income	Heat Pump	Quality Install Heat Pump	Quality Installation (QI)	Standard Installation	Per QI Install	Existing	1,709.95	5	$ 300	45%	275
Low Income	Heat Pump	Quality Install Heat Pump	Quality Installation (QI)	Standard Installation	Per QI Install	New	1,422.02	5	$ 300	45%	17
Low Income	Heat Pump	Radiant Barrier (Ceiling)	Radiant Barrier (Ceiling)	No Radiant Barrier	Per Radiant Barrier Install	Existing	1,508.09	30	$ 675	82%	805
Low Income	Heat Pump	Radiant Barrier (Ceiling)	Radiant Barrier (Ceiling)	No Radiant Barrier	Per Radiant Barrier Install	New	1,254.15	30	$ 480	82%	42
Low Income	Heat Pump	Solar Attic Fan	Solar Electric Attic Ventilation	Standard Passive Ventilation	Per Solar Fan	Existing	141.77	19	$ 331	49%	-
Low Income	Heat Pump	Solar Attic Fan	Solar Electric Attic Ventilation	Standard Passive Ventilation	Per Solar Fan	New	117.90	19	$ 331	49%	-
Low Income	Heat Pump	Thermostat - Multi-Zone	Individual Room Temperature Control for Major	Programmable Thermostat - Central Control	Per Programmable Control System	New	835.42	11	$ 895	86%	-
Low Income	Heat Pump	Thermostat - Programmable	Setback Thermostat 5-1-1, 5-2 or 7-Day	Manual Thermostat	Per Programmable Control	Existing	517.06	15	$ 33	67%	-
Low Income	Heat Pump	Thermostat - WiFi Programmable	WiFi Programmable Thermostat	Programmable Thermostat - Central Control	Per Programmable Control	Existing	518.54	15	$ 167	70%	66
Low Income	Heat Pump	Thermostat - WiFi Programmable	WiFi Programmable Thermostat	Programmable Thermostat - Central Control	Per Programmable Control	New	431.22	15	$ 167	90%	5
Low Income	Heat Pump	Tune-up - Air Source Heat Pump	Air Source Heat Pump Maintenance (Tune-up)	Unmaintained Air Source Heat Pump	Per Tune-up	Existing	1,022.49	5	$ 200	71%	247
Low Income	Heat Pump	Tune-up - Ground Source Heat Pump	Ground Source Heat Pump Maintenance (Tune-	Unmaintained Ground Source Heat Pump	Per Tune-up	Existing	738.66	5	$ 200	0%	0
Low Income	Heat Pump	Whole-House Fan	Whole-House Fan to Offset Central Cooling	No Whole-House Fan	Per House Fan	Existing	354.43	20	$ 366	48%	110
Low Income	Heat Pump	Whole-House Fan	Whole-House Fan to Offset Central Cooling	No Whole-House Fan	Per House Fan	New	294.75	20	$ 366	48%	6
Low Income	Heat Pump	Window - Film	Window Film (SHGC Reduction=45%)	No Window Film	Per Window SqFt	Existing	0.58	10	$ 5	76%	-
Low Income	Heat Pump	Window - Shade	Window Shade/Blind or Thermal Drapes	No Interior Shading Device	Per Window SqFt	Existing	0.39	3	$ 7	38%	-
Low Income	Heat Pump	Window - Upgrade	Code Window U-Factor = 0.35 (2009 IECC)	Existing Windows U-Factor	Per Window SqFt	Existing	4.32	20	$ 25	24%	-
Low Income	Heat Pump	Window - Upgrade	ENERGY STAR U-Factor = 0.30	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	Existing	1.20	20	$ 8	73%	-
Low Income	Heat Pump	Window - Upgrade	ENERGY STAR U-Factor = 0.30	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	New	1.10	20	$ 8	82%	-
Low Income	Heat Pump	Window - Upgrade	Smart Window U-Factor = 0.22	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	Existing	3.12	20	$ 33	61%	-
Low Income	Heat Pump	Window - Upgrade	Smart Window U-Factor = 0.22	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	New	2.86	20	$ 33	68%	-
Low Income	Heat Room	Construction - ICF	Insulated Concrete Forms - Concrete	Standard Wood Framing	Per Building SqFt	New	0.63	40	$ 3	67%	-
Low Income	Heat Room	Construction - SIP	Structural Insulated Panels - Specialty Framing	Standard Wood Framing	Per Building SqFt	New	0.63	40	$ 1	67%	125
Low Income	Heat Room	Doors	ENERGY STAR Door (R-4.8)	Standard Code Door (R-2.9)	Per Door SqFt	Existing	1.54	20	$ 1	61%	97
Low Income	Heat Room	Doors	ENERGY STAR Door (R-4.8)	Standard Code Door (R-2.9)	Per Door SqFt	New	1.54	20	$ 1	61%	7
Low Income	Heat Room	Doors	Thermal Door (R-10)	Standard Code Door (R-2.9)	Per Door SqFt	Existing	2.77	20	$ 3	76%	-
Low Income	Heat Room	Doors	Thermal Door (R-10)	Standard Code Door (R-2.9)	Per Door SqFt	New	2.77	20	$ 3	76%	-

Low Income	Heat Room	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof sqft	New	0.07	30	$	13	88%	-
Low Income	Heat Room	Heat Pump - Ductless Mini-Split	ENERGY STAR 14.5 SEER, 8.2 HSPF	Electric Baseboard Heating	Per Ductless Heat Pump	Existing	3,905.59	15	$	4,092	38%	-
Low Income	Heat Room	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	Existing	1,078.00	11	$	612	48%	-
Low Income	Heat Room	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	New	583.78	11	$	612	64%	-
Low Income	Heat Room	Infiltration Reduction	4.0 ACH50	7.0 ACH50	Per Building SqFt	New	0.40	11	$	0	42%	-
Low Income	Heat Room	Infiltration Reduction	4.0 ACH50	Existing Infiltration (10 ACH50)	Per Building SqFt	Existing	0.95	11	$	0	19%	748
Low Income	Heat Room	Infiltration Reduction	7.0 ACH50	Existing Infiltration (10 ACH50)	Per Building SqFt	Existing	0.47	11	$	0	63%	1,236
Low Income	Heat Room	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-38 (To Code Zone 5)	Average Existing Insulation (R-15.7)	Per Insulated SqFt	Existing	0.36	20	$	1	27%	-
Low Income	Heat Room	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (To Code Zone 6)	Average Existing Insulation (R-15.7)	Per Insulated SqFt	Existing	0.43	20	$	1	27%	-
Low Income	Heat Room	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (Zone 5)	Code Insulation R-38 (Zone 5)	Per Insulated SqFt	Existing	0.06	20	$	0	45%	-
Low Income	Heat Room	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (Zone 5)	Code Insulation R-38 (Zone 5)	Per Insulated SqFt	New	0.06	20	$	0	45%	-
Low Income	Heat Room	Insulation - Basement Wall	Insulation Basement Wall (R-10 Zone 5)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	1.06	20	$	1	12%	-
Low Income	Heat Room	Insulation - Basement Wall	Insulation Basement Wall (R-15 Zone 6)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	1.23	20	$	1	24%	-
Low Income	Heat Room	Insulation - Floor	Insulation Floor (R-30)	Average Existing Insulation (R-1.8)	Per Insulated SqFt	Existing	0.31	20	$	1	60%	-
Low Income	Heat Room	Insulation - Rim/Band Joist	Insulation Rim and Band Joist (R-10)	No Rim And Band Joist Insulation	Per Insulated SqFt	Existing	0.63	20	$	1	22%	-
Low Income	Heat Room	Insulation - Siding	Vinyl Siding with Foam Backing (R-3)	No Siding Insulation	Per Insulated SqFt	Existing	0.55	20	$	1	14%	-
Low Income	Heat Room	Insulation - Slab	Insulation Slab (R-15, 4ft)	Code Insulation (R-10, 4ft)	Per Insulated SqFt	New	0.20	20	$	0	17%	-
Low Income	Heat Room	Insulation - Wall	Insulation Wall (R-13)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	1.09	20	$	1	3%	-
Low Income	Heat Room	Insulation - Wall	Insulation Wall (R-20 or R-13 w/ R-5 sheathing)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	1.28	20	$	1	2%	-
Low Income	Heat Room	Insulation - Wall	Insulation Wall (R-21 + R-5 sheathing)	Code Insulation (R-20 or R-13 w/ R-5	Per Insulated SqFt	New	0.09	20	$	0	90%	-
Low Income	Heat Room	Radiant Barrier (Ceiling)	Radiant Barrier (Ceiling)	No Radiant Barrier	Per Radiant Barrier Install	Existing	215.60	30	$	675	82%	-
Low Income	Heat Room	Radiant Barrier (Ceiling)	Radiant Barrier (Ceiling)	No Radiant Barrier	Per Radiant Barrier Install	New	179.63	30	$	480	82%	-
Low Income	Heat Room	Room Heat - Standard	Standard Room Heat	Standard Room Heat	Per Household	Existing	-	10	$	-	100%	-
Low Income	Heat Room	Room Heat - Standard	Standard Room Heat	Standard Room Heat	Per Household	New	-	10	$	-	100%	-
Low Income	Heat Room	Window - Upgrade	Code Window U-Factor = 0.35 (2009 IECC)	Existing Windows U-Factor	Per Window SqFt	Existing	2.04	20	$	25	24%	-
Low Income	Heat Room	Window - Upgrade	ENERGY STAR U-Factor = 0.30	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	Existing	0.57	20	$	8	73%	-
Low Income	Heat Room	Window - Upgrade	ENERGY STAR U-Factor = 0.30	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	New	0.57	20	$	8	82%	-
Low Income	Heat Room	Window - Upgrade	Smart Window U-Factor = 0.22	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	Existing	1.47	20	$	33	61%	-
Low Income	Heat Room	Window - Upgrade	Smart Window U-Factor = 0.22	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	New	1.47	20	$	33	68%	-
Low Income	Home Audio	Home Audio System - ENERGY STAR	ENERGY STAR Home Audio System	Standard Home Audio System	Per Unit	Existing	22.00	7	$	20	100%	-
Low Income	Home Audio	Home Audio System - ENERGY STAR	ENERGY STAR Home Audio System	Standard Home Audio System	Per Unit	New	22.00	7	$	20	100%	-
Low Income	Home Audio	Home Audio System - Standard	Standard Home Audio System	Standard Home Audio System	Per Unit	Existing	-	7	$	-	100%	-
Low Income	Home Audio	Home Audio System - Standard	Standard Home Audio System	Standard Home Audio System	Per Unit	New	-	7	$	-	100%	-
Low Income	Lighting	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	Existing	17.02	11	$	612	48%	-
Low Income	Lighting	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	New	17.02	11	$	612	64%	-
Low Income	Lighting	Lighitng Controls - Daylighting Controls	Lighitng Controls - Daylighting Controls	No Daylighting Controls	Per Photocell Control	Existing	17.02	10	$	64	25%	-
Low Income	Lighting	Lighitng Controls - Daylighting Controls	Lighitng Controls - Daylighting Controls	No Daylighting Controls	Per Photocell Control	New	17.02	10	$	64	25%	-
Low Income	Lighting	Lighting - CFL	Exterior - CFL	EISA Standard	Per Lamp	Existing	35.65	3	$	4	100%	-
Low Income	Lighting	Lighting - CFL	Exterior - CFL	EISA Standard	Per Lamp	New	35.65	3	$	4	100%	-
Low Income	Lighting	Lighting - EISA Backstop	Exterior - EISA Backstop	EISA Standard	Per Lamp	Existing	32.76	2	$	-	100%	-
Low Income	Lighting	Lighting - EISA Backstop	Exterior - EISA Backstop	EISA Standard	Per Lamp	New	32.76	2	$	-	100%	-
Low Income	Lighting	Lighting - EISA Standard	Exterior - EISA Standard	EISA Standard	Per Lamp	Existing	-	2	$	-	100%	-
Low Income	Lighting	Lighting - EISA Standard	Exterior - EISA Standard	EISA Standard	Per Lamp	New	-	2	$	-	100%	-
Low Income	Lighting	Lighting - Incandescent	Exterior - Incandescent	Incandescent	Per Lamp	Existing	-	2	$	-	100%	-
Low Income	Lighting	Lighting - Incandescent	Exterior - Incandescent	Incandescent	Per Lamp	New	-	2	$	-	100%	-
Low Income	Lighting	Lighting - LED	Exterior - LED	EISA Standard	Per Lamp	Existing	51.25	12	$	37	100%	2,826
Low Income	Lighting	Lighting - LED	Exterior - LED	EISA Standard	Per Lamp	New	51.25	12	$	37	100%	192
Low Income	Lighting	LED Christmas Lighting	LED Christmas Lighting	Incandescent Christmas Lighting	Per LED String	Existing	6.08	5	$	19	82%	-
Low Income	Lighting	LED Christmas Lighting	LED Christmas Lighting	Incandescent Christmas Lighting	Per LED String	New	6.08	5	$	19	82%	-
Low Income	Lighting	Lighting - CFL	Interior Specialty - CFL	EISA Standard	Per Lamp	Existing	31.97	6	$	6	65%	9,938
Low Income	Lighting	Lighting - CFL	Interior Specialty - CFL	EISA Standard	Per Lamp	New	31.97	6	$	6	65%	715
Low Income	Lighting	Lighting - Incandescent	Interior Specialty - Incandescent	Incandescent	Per Lamp	Existing	-	2	$	-	100%	-
Low Income	Lighting	Lighting - Incandescent	Interior Specialty - Incandescent	Incandescent	Per Lamp	New	-	2	$	-	100%	-
Low Income	Lighting	Lighting - LED	Interior Specialty - LED	EISA Standard	Per Lamp	Existing	37.05	12	$	29	50%	16,842
Low Income	Lighting	Lighting - LED	Interior Specialty - LED	EISA Standard	Per Lamp	New	37.05	12	$	29	50%	1,096
Low Income	Lighting	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	Existing	83.40	11	$	612	48%	-
Low Income	Lighting	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	New	83.40	11	$	612	64%	-
Low Income	Lighting	Lighitng Controls - Daylighting Controls	Lighitng Controls - Daylighting Controls	No Daylighting Controls	Per Photocell Control	Existing	16.68	10	$	64	14%	-
Low Income	Lighting	Lighitng Controls - Daylighting Controls	Lighitng Controls - Daylighting Controls	No Daylighting Controls	Per Photocell Control	New	16.68	10	$	64	14%	-
Low Income	Lighting	Lighting - CFL	Interior Standard - CFL	EISA Standard	Per Lamp	Existing	15.93	5	$	(0)	100%	-
Low Income	Lighting	Lighting - CFL	Interior Standard - CFL	EISA Standard	Per Lamp	New	15.93	5	$	(0)	100%	-
Low Income	Lighting	Lighting - EISA Backstop	Interior Standard - EISA Backstop	EISA Standard	Per Lamp	Existing	14.49	2	$	-	100%	-
Low Income	Lighting	Lighting - EISA Backstop	Interior Standard - EISA Backstop	EISA Standard	Per Lamp	New	14.49	2	$	-	100%	-

Low Income	Lighting	Lighting - EISA Standard	Interior Standard - EISA Standard	EISA Standard	Per Lamp	Existing	-	2	$ -	100%	-
Low Income	Lighting	Lighting - EISA Standard	Interior Standard - EISA Standard	EISA Standard	Per Lamp	New	-	2	$ -	100%	-
Low Income	Lighting	Lighting - Incandescent	Interior Standard - Incandescent	Incandescent	Per Lamp	Existing	-	2	$ -	100%	-
Low Income	Lighting	Lighting - Incandescent	Interior Standard - Incandescent	Incandescent	Per Lamp	New	-	2	$ -	100%	-
Low Income	Lighting	Lighting - LED	Interior Standard - LED	EISA Standard	Per Lamp	Existing	22.66	12	$ 25	100%	13,907
Low Income	Lighting	Lighting - LED	Interior Standard - LED	EISA Standard	Per Lamp	New	22.66	12	$ 25	100%	957
Low Income	Lighting	Lighting Controls - Occupancy Sensors	Wall-Switch Occupancy Sensors	No Occupancy Sensor	Per Occupancy Sensor	Existing	31.27	10	$ 57	17%	-
Low Income	Lighting	Lighting Controls - Occupancy Sensors	Wall-Switch Occupancy Sensors	No Occupancy Sensor	Per Occupancy Sensor	New	31.27	10	$ 57	17%	-
Low Income	Microwave	Microwave - Standard	Standard Microwave	Standard Microwave	Per Unit	Existing	-	10	$ -	100%	-
Low Income	Microwave	Microwave - Standard	Standard Microwave	Standard Microwave	Per Unit	New	-	10	$ -	100%	-
Low Income	Monitor	Monitor - Home Office ENERGY STAR	ENERGY STAR Office Monitor	Standard Office Monitor	Per Unit	Existing	14.19	5	$ -	100%	-
Low Income	Monitor	Monitor - Home Office ENERGY STAR	ENERGY STAR Office Monitor	Standard Office Monitor	Per Unit	New	14.19	5	$ -	100%	-
Low Income	Monitor	Monitor - Home Office Standard	Standard Office Monitor	Standard Office Monitor	Per Unit	Existing	-	5	$ -	100%	-
Low Income	Monitor	Monitor - Home Office Standard	Standard Office Monitor	Standard Office Monitor	Per Unit	New	-	5	$ -	100%	-
Low Income	Other Plug	DVD System - ENERGY STAR	ENERGY STAR DVD System	Standard DVD System	Per Unit	Existing	18.54	3	$ 1	100%	1,545
Low Income	Other Plug	DVD System - ENERGY STAR	ENERGY STAR DVD System	Standard DVD System	Per Unit	New	18.54	3	$ 1	100%	107
Low Income	Other Plug	DVD System - Standard	Standard DVD System	Standard DVD System	Per Unit	Existing	-	3	$ -	100%	-
Low Income	Other Plug	DVD System - Standard	Standard DVD System	Standard DVD System	Per Unit	New	-	3	$ -	100%	-
Low Income	Plug Load	Battery Chargers	Energy Star Battery Chargers	Standard Battery Chargers	Per Battary Charger	Existing	12.16	3	$ 5	36%	-
Low Income	Plug Load	Battery Chargers	Energy Star Battery Chargers	Standard Battery Chargers	Per Battary Charger	New	12.16	3	$ 5	36%	-
Low Income	Plug Load	Ceiling Fans	ENERGY STAR Ceiling Fans with Light Kit	Standard Ceiling Fan	Per Ceiling Fan	Existing	65.65	10	$ 120	51%	-
Low Income	Plug Load	Ceiling Fans	ENERGY STAR Ceiling Fans with Light Kit	Standard Ceiling Fan	Per Ceiling Fan	New	65.65	10	$ 120	51%	-
Low Income	Plug Load	Ceiling Fans	ENERGY STAR Ceiling Fans without Light Kit	Standard Ceiling Fan	Per Ceiling Fan	Existing	4.33	10	$ 1	51%	155
Low Income	Plug Load	Ceiling Fans	ENERGY STAR Ceiling Fans without Light Kit	Standard Ceiling Fan	Per Ceiling Fan	New	4.33	10	$ 1	51%	11
Low Income	Plug Load	Cordless Phone - ENERGY STAR	ENERGY STAR Cordless Phone	Standard Cordless Phone	Per Cordless Phone	Existing	25.60	5	$ 1	29%	529
Low Income	Plug Load	Cordless Phone - ENERGY STAR	ENERGY STAR Cordless Phone	Standard Cordless Phone	Per Cordless Phone	New	25.60	5	$ 1	29%	36
Low Income	Plug Load	Home Office - Server	ENERGY STAR Home Server	Standard Office Server	Per Home Server	Existing	24.87	4	$ 9	4%	-
Low Income	Plug Load	Home Office - Server	ENERGY STAR Home Server	Standard Office Server	Per Home Server	New	24.87	4	$ 9	4%	-
Low Income	Plug Load	Plug Load - Other	Plug Load Other	Plug Load Other	Per Household	Existing	-	5	$ -	100%	-
Low Income	Plug Load	Plug Load - Other	Plug Load Other	Plug Load Other	Per Household	New	-	5	$ -	100%	-
Low Income	Plug Load	Smart Strip	Smart Strip	Standard Power Strip	Per Smart Strip	Existing	100.00	5	$ 22	62%	4,364
Low Income	Plug Load	Smart Strip	Smart Strip	Standard Power Strip	Per Smart Strip	New	100.00	5	$ 22	62%	298
Low Income	Pool Pump	Pool Pump - Standard Constant Speed	Constant Speed Pool Pump	Constant Speed Pool Pump	Per Household	Existing	-	10	$ -	100%	-
Low Income	Pool Pump	Pool Pump - Standard Constant Speed	Constant Speed Pool Pump	Constant Speed Pool Pump	Per Household	New	-	10	$ -	100%	-
Low Income	Pool Pump	Pool Pump Timers	Pool Pump Timers	Pool Pump No Timers	Per Pool Pump Timer	Existing	291.30	10	$ 89	64%	-
Low Income	Pool Pump	Pool Pumps - 2-Speed	Pool Pumps (2-Speed)	Constant Speed Pool Pump	Per Household	Existing	660.00	10	$ 165	100%	-
Low Income	Pool Pump	Pool Pumps - 2-Speed	Pool Pumps (2-Speed)	Constant Speed Pool Pump	Per Household	New	660.00	10	$ 165	100%	-
Low Income	Pool Pump	Pool Pumps - VSD	Pool Pumps (VSD)	Constant Speed Pool Pump	Per Household	Existing	1,080.00	10	$ 695	100%	-
Low Income	Pool Pump	Pool Pumps - VSD	Pool Pumps (VSD)	Constant Speed Pool Pump	Per Household	New	1,080.00	10	$ 695	100%	-
Low Income	Printer	Printer - Home Office ENERGY STAR	ENERGY STAR Office Printer	Standard Printer	Per Unit	Existing	32.21	5	$ 13	100%	-
Low Income	Printer	Printer - Home Office ENERGY STAR	ENERGY STAR Office Printer	Standard Printer	Per Unit	New	32.21	5	$ 13	100%	-
Low Income	Printer	Printer - Standard	Standard Printer	Standard Printer	Per Unit	Existing	-	5	$ -	100%	-
Low Income	Printer	Printer - Standard	Standard Printer	Standard Printer	Per Unit	New	-	5	$ -	100%	-
Low Income	Refrigerator	Refrigerator - Below Standard	Below Standard Refrigerator	Below Standard Refrigerator	Per Unit	Existing	-	7	$ -	100%	-
Low Income	Refrigerator	Refrigerator - Below Standard	Below Standard Refrigerator	Below Standard Refrigerator	Per Unit	New	-	7	$ -	100%	-
Low Income	Refrigerator	Refrigerator - CEE Tier 2	CEE Tier 2 Refrigerator	Standard Refrigerator - Federal Standard 2001	Per Unit	Existing	142.20	13	$ 430	100%	-
Low Income	Refrigerator	Refrigerator - CEE Tier 2	CEE Tier 2 Refrigerator	Standard Refrigerator - Federal Standard 2001	Per Unit	New	142.20	13	$ 430	100%	-
Low Income	Refrigerator	Refrigerator - CEE Tier 3	CEE Tier 3 Refrigerator	Standard Refrigerator - Federal Standard 2001	Per Unit	Existing	170.65	13	$ 581	100%	-
Low Income	Refrigerator	Refrigerator - CEE Tier 3	CEE Tier 3 Refrigerator	Standard Refrigerator - Federal Standard 2001	Per Unit	New	170.65	13	$ 581	100%	-
Low Income	Refrigerator	Refrigerator - ENERGY STAR	ENERGY STAR Refrigerator	Standard Refrigerator - Federal Standard 2001	Per Unit	Existing	113.76	13	$ 251	100%	-
Low Income	Refrigerator	Refrigerator - ENERGY STAR	ENERGY STAR Refrigerator	Standard Refrigerator - Federal Standard 2001	Per Unit	New	113.76	13	$ 251	100%	-
Low Income	Refrigerator	Refrigerator - Federal Standard	Federal Standard In 2014 (NAECA)	Standard Refrigerator - Federal Standard 2001	Per Unit	Existing	56.45	13	$ 125	100%	-
Low Income	Refrigerator	Refrigerator - Federal Standard	Federal Standard In 2014 (NAECA)	Standard Refrigerator - Federal Standard 2001	Per Unit	New	56.45	13	$ 125	100%	-
Low Income	Refrigerator	Refrigerator - Standard 2001	Standard Refrigerator - Federal Standard 2001	Standard Refrigerator - Federal Standard 2001	Per Unit	Existing	-	13	$ -	100%	-
Low Income	Refrigerator	Refrigerator - Standard 2001	Standard Refrigerator - Federal Standard 2001	Standard Refrigerator - Federal Standard 2001	Per Unit	New	-	13	$ -	100%	-
Low Income	Refrigerator	Removal of Secondary	Proper Disposal of Refrigerator/Freezer Combo	Existing Non-Efficient Refrigerator/Freezer	Per Recyled Unit	Existing	1,140.00	5	$ 30	15%	14,373
Low Income	Set Top Box	Digital Set Top Receiver - ENERGY	ENERGY STAR Digital Set Top Receiver	Standard Digital Set Top Receiver	Per Unit	Existing	164.69	5	$ 12	100%	8,028
Low Income	Set Top Box	Digital Set Top Receiver - ENERGY	ENERGY STAR Digital Set Top Receiver	Standard Digital Set Top Receiver	Per Unit	New	164.69	5	$ 12	100%	613
Low Income	Set Top Box	Digital Set Top Receiver - Standard	Standard Digital Set Top Receiver	Standard Digital Set Top Receiver	Per Unit	Existing	-	5	$ -	100%	-
Low Income	Set Top Box	Digital Set Top Receiver - Standard	Standard Digital Set Top Receiver	Standard Digital Set Top Receiver	Per Unit	New	-	5	$ -	100%	-
Low Income	Television	TV - ENERGY STAR	ENERGY STAR TV	Standard TV	Per Unit	Existing	118.67	5	$ 55	100%	-
Low Income	Television	TV - ENERGY STAR	ENERGY STAR TV	Standard TV	Per Unit	New	118.67	5	$ 55	100%	-
Low Income	Television	TV - Standard	Standard TV	Standard TV	Per Unit	Existing	-	5	$ -	100%	-

Low Income	Television	TV - Standard	Standard TV	Standard TV	Per Unit	New	-	5	$ -	100%	-
Low Income	Ventilation	ECM Motor - Air	Air Conditioner/Electric/Gas Furnace ECM Fan	Standard Motor	Per ECM	Existing	438.37	15	$ 200	62%	18,791
Low Income	Ventilation	ECM Motor - Air	Air Conditioner/Electric/Gas Furnace ECM Fan	Standard Motor	Per ECM	New	428.13	15	$ 200	90%	1,865
Low Income	Ventilation	Motor - Standard	Standard Motor - Ventilation And Circulation	Standard Motor	Per Household	Existing	-	20	$ -	100%	-
Low Income	Ventilation	Motor - Standard	Standard Motor - Ventilation And Circulation	Standard Motor	Per Household	New	-	20	$ -	100%	-
Low Income	Water Heat	Clothes Washer	Clothes Washer Enhanced Efficiency MEF =	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	649.13	11	$ 790	83%	-
Low Income	Water Heat	Clothes Washer	Clothes Washer Enhanced Efficiency MEF =	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	649.13	11	$ 790	83%	-
Low Income	Water Heat	Clothes Washer	Clothes Washer CEE Tier 2 MEF = 2.2 and WF	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	467.29	11	$ 392	75%	-
Low Income	Water Heat	Clothes Washer	Clothes Washer CEE Tier 2 MEF = 2.2 and WF	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	467.29	11	$ 392	79%	-
Low Income	Water Heat	Clothes Washer	Clothes Washer CEE Tier 3 MEF = 2.4 and WF	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	519.48	11	$ 565	80%	-
Low Income	Water Heat	Clothes Washer	Clothes Washer CEE Tier 3 MEF = 2.4 and WF	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	519.48	11	$ 565	80%	-
Low Income	Water Heat	Clothes Washer	Clothes Washer ENERGY STAR MEF = 2.0 and	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	404.65	11	$ 135	68%	4,758
Low Income	Water Heat	Clothes Washer	Clothes Washer ENERGY STAR MEF = 2.0 and	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	404.65	11	$ 135	68%	275
Low Income	Water Heat	Clothes Washer	Steam Clothes Washer	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	649.44	11	$ 790	83%	-
Low Income	Water Heat	Clothes Washer	Steam Clothes Washer	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	649.44	11	$ 790	83%	-
Low Income	Water Heat	Desuperheaters - Air Conditioner	Add-on Desuperheaters to Air Conditioner	No Desuperheater	Per Desuperheater	Existing	352.85	10	$ 600	55%	-
Low Income	Water Heat	Desuperheaters - Air Source Heat	Add-on Desuperheaters to Air Source Heat	No Desuperheater	Per Desuperheater	Existing	705.71	10	$ 600	1%	-
Low Income	Water Heat	Desuperheaters - Ground Source Heat	Add-on Desuperheaters to Ground Source Heat	No Desuperheater	Per Desuperheater	Existing	705.71	10	$ 600	0%	-
Low Income	Water Heat	Dishwasher	Dishwasher Enhanced Efficiency (EF 1.00) 200	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	Existing	155.00	11	$ 1,067	14%	-
Low Income	Water Heat	Dishwasher	Dishwasher Enhanced Efficiency (EF 1.00) 200	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	New	155.00	11	$ 1,067	14%	-
Low Income	Water Heat	Dishwasher	ENERGY STAR 295 kWh/yr and 4.25	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	Existing	60.00	11	$ 272	5%	-
Low Income	Water Heat	Dishwasher	ENERGY STAR 295 kWh/yr and 4.25	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	New	60.00	11	$ 272	5%	-
Low Income	Water Heat	Drain-Water Heat Recovery	Drain-Water Heat Recovery	No Drain Water Heat Recovery	Per Drain-Water Heat Recovery System	Existing	825.68	40	$ 936	27%	3,071
Low Income	Water Heat	Drain-Water Heat Recovery	Drain-Water Heat Recovery	No Drain Water Heat Recovery	Per Drain-Water Heat Recovery System	New	775.38	40	$ 936	68%	422
Low Income	Water Heat	Faucet Aerators	0.5 GPM	2.2 GPM (Federal Code)	Per Faucet Aerator	Existing	113.17	10	$ 2	85%	1,660
Low Income	Water Heat	Faucet Aerators	0.5 GPM	2.2 GPM (Federal Code)	Per Faucet Aerator	New	107.78	10	$ 2	90%	96
Low Income	Water Heat	Faucet Aerators	1.5 GPM	2.2 GPM (Federal Code)	Per Faucet Aerator	Existing	46.60	10	$ 1	26%	11
Low Income	Water Heat	Faucet Aerators	1.5 GPM	2.2 GPM (Federal Code)	Per Faucet Aerator	New	44.38	10	$ 1	28%	-
Low Income	Water Heat	Faucet Aerators	2.0 GPM	2.2 GPM (Federal Code)	Per Faucet Aerator	Existing	13.31	10	$ 1	14%	-
Low Income	Water Heat	Faucet Aerators	2.0 GPM	2.2 GPM (Federal Code)	Per Faucet Aerator	New	12.68	10	$ 1	15%	-
Low Income	Water Heat	Faucet Aerators	2.2 GPM (Federal Code)	Existing Faucet Aerator GPM	Per Faucet Aerator	Existing	53.26	10	$ 3	9%	83
Low Income	Water Heat	Hot Tub Covers	Hot Tub Covers R-21	Existing Cover R-10	Per Hot Tub Cover	Existing	172.07	6	$ 524	1%	-
Low Income	Water Heat	Low-Flow Showerheads	1.5 GPM - Showerhead	2.5 GPM (Federal Code)	Per Showerhead	Existing	222.13	10	$ 8	80%	3,076
Low Income	Water Heat	Low-Flow Showerheads	1.5 GPM - Showerhead	2.5 GPM (Federal Code)	Per Showerhead	New	211.55	10	$ 8	80%	169
Low Income	Water Heat	Low-Flow Showerheads	2.0 GPM - Showerhead	2.5 GPM (Federal Code)	Per Showerhead	Existing	111.07	10	$ 13	38%	38
Low Income	Water Heat	Low-Flow Showerheads	2.0 GPM - Showerhead	2.5 GPM (Federal Code)	Per Showerhead	New	105.78	10	$ 13	38%	2
Low Income	Water Heat	Low-Flow Showerheads	2.5 GPM (Federal Code)	Existing Showerhead GPM	Per Showerhead	Existing	111.07	10	$ 24	23%	446
Low Income	Water Heat	Solar Hot Water (SHW)	Solar Thermal Collector	Standard Storage Hot Water Heater	Per Solar Water System	Existing	1,764.27	15	$ 6,238	15%	-
Low Income	Water Heat	Solar Hot Water (SHW)	Solar Thermal Collector	Standard Storage Hot Water Heater	Per Solar Water System	New	1,656.80	15	$ 4,878	15%	-
Low Income	Water Heat	Water Heater - Below Standard	EF = 0.88 Below Standard Water Heater	EF = 0.88 Below Standard Water Heater	Per Unit	Existing	-	7	$ -	100%	-
Low Income	Water Heat	Water Heater - Below Standard	EF = 0.88 Below Standard Water Heater	EF = 0.88 Below Standard Water Heater	Per Unit	New	-	7	$ -	100%	-
Low Income	Water Heat	Water Heater - Heat Pump	Heat Pump Water Heater ENERGY STAR EF =	EF = 0.92 Federal Standard 2001	Per Unit	Existing	1,884.53	13	$ 1,281	60%	11,624
Low Income	Water Heat	Water Heater - Heat Pump	Heat Pump Water Heater ENERGY STAR EF =	EF = 0.92 Federal Standard 2001	Per Unit	New	1,794.79	13	$ 1,281	60%	1,037
Low Income	Water Heat	Water Heater - Pipe Insulation	Hot Water Pipe Insulation (R-4)	No Pipe Insulation	Per Pipe Insulation	Existing	69.31	13	$ 6	37%	398
Low Income	Water Heat	Water Heater - Pipe Insulation	Hot Water Pipe Insulation (R-4)	No Pipe Insulation	Per Pipe Insulation	New	69.31	13	$ 6	45%	28
Low Income	Water Heat	Water Heater - Storage 2001 Standard	EF = 0.92 Federal Standard 2001	EF = 0.92 Federal Standard 2001	Per Unit	Existing	-	13	$ -	100%	-
Low Income	Water Heat	Water Heater - Storage 2001 Standard	EF = 0.92 Federal Standard 2001	EF = 0.92 Federal Standard 2001	Per Unit	New	-	13	$ -	100%	-
Low Income	Water Heat	Water Heater - Storage 2015 Standard	Water Heater - Storage Federal Standard April	EF = 0.92 Federal Standard 2001	Per Unit	Existing	113.09	13	$ 43	100%	-
Low Income	Water Heat	Water Heater - Storage 2015 Standard	Water Heater - Storage Federal Standard April	EF = 0.92 Federal Standard 2001	Per Unit	New	107.71	13	$ 43	100%	-
Low Income	Water Heat	Water Heater - Tank Blanket/Insulation	Install Insulation (R-11)	No Tank Insulation	Per Tank Wrap	Existing	229.35	13	$ 18	17%	592
Low Income	Water Heat	Water Heater - Tankless	Tankless EF= 0.98	EF = 0.92 Federal Standard 2001	Per Unit	Existing	223.06	20	$ 261	0%	-
Low Income	Water Heat	Water Heater - Tankless	Tankless EF= 0.98	EF = 0.92 Federal Standard 2001	Per Unit	New	212.44	20	$ 261	0%	-
Low Income	Water Heat	Water Heater - Thermostat Setback	120 Degrees	135 Degrees	Per Set-Back	Existing	674.24	4	$ 10	11%	1,179
Low Income	Water Heat	Water Heater - Thermostat Setback	120 Degrees	135 Degrees	Per Set-Back	New	633.17	4	$ 10	11%	64
Manufacture	Computer	Computer - Home Office ENERGY	ENERGY STAR Office Computer	Standard Office Computer	Per Unit	Existing	76.64	4	$ 9	100%	1,533
Manufacture	Computer	Computer - Home Office ENERGY	ENERGY STAR Office Computer	Standard Office Computer	Per Unit	New	76.64	4	$ 9	100%	111
Manufacture	Computer	Computer - Home Office Standard	Standard Office Computer	Standard Office Computer	Per Unit	Existing	-	4	$ -	100%	-
Manufacture	Computer	Computer - Home Office Standard	Standard Office Computer	Standard Office Computer	Per Unit	New	-	4	$ -	100%	-
Manufacture	Cooking	Oven - Convection	Convection Oven	Standard Oven	Per Unit	Existing	102.21	19	$ 177	100%	-
Manufacture	Cooking	Oven - Convection	Convection Oven	Standard Oven	Per Unit	New	102.21	19	$ 177	100%	-
Manufacture	Cooking	Oven - Standard	Standard Oven	Standard Oven	Per Unit	Existing	-	19	$ -	100%	-
Manufacture	Cooking	Oven - Standard	Standard Oven	Standard Oven	Per Unit	New	-	19	$ -	100%	-
Manufacture	Cooking	Cooking Range - Standard	Standard Cooking Range	Standard Cooking Range	Per Unit	Existing	-	19	$ -	100%	-

Manufacture	Cooking	Cooking Range - Standard	Standard Cooking Range	Standard Cooking Range	Per Unit	New	-	19	$ -	100%	-
Manufacture	Cool Central	Attic Fan	Attic Fan For Summer Cooling	No Attic Fan with Central Cooling	Per Attic Fan	Existing	105.31	19	$ 249	82%	1,501
Manufacture	Cool Central	Central Air Conditioners - Below	Below Standard SEER 10	Below Standard SEER 10	Per Household	Existing	-	8	$ -	100%	-
Manufacture	Cool Central	Central Air Conditioners - Below	Below Standard SEER 10	Below Standard SEER 10	Per Household	New	-	8	$ -	100%	-
Manufacture	Cool Central	Central Air Conditioners - CEE Tier 2	CEE Tier 2 SEER/EER 15/12.5 (Split System)	Federal Standard 13 SEER	Per Household	Existing	235.20	15	$ 476	100%	-
Manufacture	Cool Central	Central Air Conditioners - CEE Tier 2	CEE Tier 2 SEER/EER 15/12.5 (Split System)	Federal Standard 13 SEER	Per Household	New	138.13	15	$ 476	100%	153
Manufacture	Cool Central	Central Air Conditioners - CEE Tier 3	CEE Tier 3 SEER/EER 16/13 (Split System)	Federal Standard 13 SEER	Per Household	Existing	330.75	15	$ 714	100%	-
Manufacture	Cool Central	Central Air Conditioners - CEE Tier 3	CEE Tier 3 SEER/EER 16/13 (Split System)	Federal Standard 13 SEER	Per Household	New	194.25	15	$ 714	100%	-
Manufacture	Cool Central	Central Air Conditioners - ENERGY	ENERGY STAR SEER/EER 14.5/12 (Split	Federal Standard 13 SEER	Per Household	Existing	182.48	15	$ 357	100%	-
Manufacture	Cool Central	Central Air Conditioners - ENERGY	ENERGY STAR SEER/EER 14.5/12 (Split	Federal Standard 13 SEER	Per Household	New	107.17	15	$ 357	100%	-
Manufacture	Cool Central	Central Air Conditioners - Enhanced	Enhanced SEER/EER 18/14 (Split System)	Federal Standard 13 SEER	Per Household	Existing	490.00	15	$ 1,192	100%	4,566
Manufacture	Cool Central	Central Air Conditioners - Enhanced	Enhanced SEER/EER 18/14 (Split System)	Federal Standard 13 SEER	Per Household	New	287.78	15	$ 1,192	100%	-
Manufacture	Cool Central	Central Air Conditioners - Standard	Federal Standard SEER 13	Federal Standard 13 SEER	Per Household	Existing	-	15	$ -	100%	-
Manufacture	Cool Central	Central Air Conditioners - Standard	Federal Standard SEER 13	Federal Standard 13 SEER	Per Household	New	-	15	$ -	100%	-
Manufacture	Cool Central	Cool Roofs	Lighter Colored Shingles (White)	Standard Roof Shingles	Per Roof SqFT	Existing	0.33	20	$ 0	45%	-
Manufacture	Cool Central	Cool Roofs	Lighter Colored Shingles (White)	Standard Roof Shingles	Per Roof SqFT	New	0.18	20	$ 0	45%	-
Manufacture	Cool Central	Doors	ENERGY STAR Door (R-4.8)	Standard Code Door (R-2.9)	Per Door SqFt	Existing	0.34	20	$ 1	61%	8
Manufacture	Cool Central	Doors	ENERGY STAR Door (R-4.8)	Standard Code Door (R-2.9)	Per Door SqFt	New	0.25	20	$ 1	61%	0
Manufacture	Cool Central	Doors	Thermal Door (R-10)	Standard Code Door (R-2.9)	Per Door SqFt	Existing	0.62	20	$ 3	76%	276
Manufacture	Cool Central	Doors	Thermal Door (R-10)	Standard Code Door (R-2.9)	Per Door SqFt	New	0.44	20	$ 3	76%	17
Manufacture	Cool Central	Duct Sealing	4 CFM/100sqft of CFA	8 CFM/100sqft of CFA	Per Duct Sealing Installation	New	51.62	18	$ 333	61%	31
Manufacture	Cool Central	Duct Sealing	4 CFM/100sqft of CFA	Existing CFM/100sqft of CFA	Per Duct Sealing Installation	Existing	284.38	18	$ 960	33%	1,301
Manufacture	Cool Central	Duct Sealing	8 CFM/100sqft of CFA	Existing CFM/100sqft of CFA	Per Duct Sealing Installation	Existing	189.59	18	$ 587	61%	1,283
Manufacture	Cool Central	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	Existing	189.59	11	$ 612	56%	1,154
Manufacture	Cool Central	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	New	67.11	11	$ 612	64%	-
Manufacture	Cool Central	Infiltration Reduction	4.0 ACH50	7.0 ACH50	Per Building SqFt	New	0.07	11	$ 0	61%	54
Manufacture	Cool Central	Infiltration Reduction	4.0 ACH50	Existing Infiltration (10 ACH50)	Per Building SqFt	Existing	0.25	11	$ 0	19%	818
Manufacture	Cool Central	Infiltration Reduction	7.0 ACH50	Existing Infiltration (10 ACH50)	Per Building SqFt	Existing	0.12	11	$ 0	72%	1,544
Manufacture	Cool Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-38 (To Code Zone 5)	Average Existing Insulation (R-15.7)	Per Insulated SqFt	Existing	0.08	20	$ 1	21%	168
Manufacture	Cool Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (To Code Zone 6)	Average Existing Insulation (R-15.7)	Per Insulated SqFt	Existing	0.09	20	$ 1	20%	191
Manufacture	Cool Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (Zone 5)	Code Insulation R-38 (Zone 5)	Per Insulated SqFt	Existing	0.01	20	$ 0	45%	-
Manufacture	Cool Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (Zone 5)	Code Insulation R-38 (Zone 5)	Per Insulated SqFt	New	0.01	20	$ 0	45%	-
Manufacture	Cool Central	Insulation - Basement Wall	Insulation Basement Wall (R-10 Zone 5)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	-	20	$ 1	7%	-
Manufacture	Cool Central	Insulation - Basement Wall	Insulation Basement Wall (R-15 Zone 6)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	-	20	$ 1	14%	-
Manufacture	Cool Central	Insulation - Duct	Insulation Duct (R-8)	No Duct Insulation	Per Duct Insulation Installation	Existing	59.72	20	$ 366	71%	496
Manufacture	Cool Central	Insulation - Floor	Insulation Floor (R-30)	Average Existing Insulation (R-1.8)	Per Insulated SqFt	Existing	-	20	$ 1	38%	-
Manufacture	Cool Central	Insulation - Rim/Band Joist	Insulation Rim and Band Joist (R-10)	No Rim And Band Joist Insulation	Per Insulated SqFt	Existing	0.14	20	$ 1	11%	26
Manufacture	Cool Central	Insulation - Siding	Vinyl Siding with Foam Backing (R-3)	No Siding Insulation	Per Insulated SqFt	Existing	0.12	20	$ 1	14%	255
Manufacture	Cool Central	Insulation - Skirting	Insulation Skirting for Manufactured Homes (R-	No Skirting	Per Insulated SqFt	Existing	0.09	20	$ 1	9%	39
Manufacture	Cool Central	Insulation - Slab	Insulation Slab (R-15, 4ft)	Code Insulation (R-10, 4ft)	Per Insulated SqFt	New	-	20	$ 0	13%	-
Manufacture	Cool Central	Insulation - Wall	Insulation Wall (R-13)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	0.24	20	$ 1	3%	41
Manufacture	Cool Central	Insulation - Wall	Insulation Wall (R-20 or R-13 w/ R-5 sheathing)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	0.29	20	$ 1	2%	76
Manufacture	Cool Central	Insulation - Wall	Insulation Wall (R-21 + R-5 sheathing)	Code Insulation (R-20 or R-13 w/ R-5	Per Insulated SqFt	New	0.01	20	$ 0	87%	14
Manufacture	Cool Central	Quality Install CAC	Quality Installation (QI)	Standard Installation	Per QI Install	Existing	199.07	5	$ 300	45%	-
Manufacture	Cool Central	Quality Install CAC	Quality Installation (QI)	Standard Installation	Per QI Install	New	108.41	5	$ 300	45%	-
Manufacture	Cool Central	Radiant Barrier (Ceiling)	Radiant Barrier (Ceiling)	No Radiant Barrier	Per Radiant Barrier Install	Existing	193.54	30	$ 675	49%	1,153
Manufacture	Cool Central	Radiant Barrier (Ceiling)	Radiant Barrier (Ceiling)	No Radiant Barrier	Per Radiant Barrier Install	New	105.40	30	$ 480	82%	94
Manufacture	Cool Central	Solar Attic Fan	Solar Electric Attic Ventilation	Standard Passive Ventilation	Per Solar Fan	Existing	113.75	19	$ 331	49%	973
Manufacture	Cool Central	Solar Attic Fan	Solar Electric Attic Ventilation	Standard Passive Ventilation	Per Solar Fan	New	61.95	19	$ 331	49%	-
Manufacture	Cool Central	Thermostat - Multi-Zone	Individual Room Temperature Control for Major	Programmable Thermostat - Central Control	Per Programmable Control System	New	70.21	11	$ 895	62%	-
Manufacture	Cool Central	Thermostat - Programmable	Setback Thermostat 5-1-1, 5-2 or 7-Day	Manual Thermostat	Per Programmable Control	Existing	66.36	15	$ 33	79%	-
Manufacture	Cool Central	Thermostat - WiFi Programmable	WiFi Programmable Thermostat	Programmable Thermostat - Central Control	Per Programmable Control	Existing	66.55	15	$ 167	82%	293
Manufacture	Cool Central	Thermostat - WiFi Programmable	WiFi Programmable Thermostat	Programmable Thermostat - Central Control	Per Programmable Control	New	36.24	15	$ 167	90%	39
Manufacture	Cool Central	Tune-up - Air Conditioner	Air Conditioner Maintenance (Tune-up)	Unmaintained Air Conditioner	Per Tune-up	Existing	142.19	5	$ 200	71%	-
Manufacture	Cool Central	Whole-House Fan	Whole-House Fan to Offset Central Cooling	No Whole-House Fan	Per House Fan	Existing	284.38	20	$ 366	48%	2,384
Manufacture	Cool Central	Whole-House Fan	Whole-House Fan to Offset Central Cooling	No Whole-House Fan	Per House Fan	New	154.87	20	$ 366	48%	97
Manufacture	Cool Central	Window - Film	Window Film (SHGC Reduction=45%)	No Window Film	Per Window SqFt	Existing	0.70	10	$ 5	76%	-
Manufacture	Cool Central	Window - Shade	Window Shade/Blind or Thermal Drapes	No Interior Shading Device	Per Window SqFt	Existing	0.46	3	$ 7	38%	-
Manufacture	Cool Central	Window - Upgrade	Code Window U-Factor = 0.35 (2009 IECC)	Existing Windows U-Factor	Per Window SqFt	Existing	0.45	20	$ 25	24%	-
Manufacture	Cool Central	Window - Upgrade	ENERGY STAR U-Factor = 0.30	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	Existing	0.13	20	$ 8	73%	-
Manufacture	Cool Central	Window - Upgrade	ENERGY STAR U-Factor = 0.30	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	New	0.09	20	$ 8	82%	-
Manufacture	Cool Central	Window - Upgrade	Smart Window U-Factor = 0.22	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	Existing	0.33	20	$ 33	61%	-
Manufacture	Cool Central	Window - Upgrade	Smart Window U-Factor = 0.22	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	New	0.23	20	$ 33	68%	-

Manufacture	Cool Room	Cool Roofs	Lighter Colored Shingles (White)	Standard Roof Shingles	Per Roof SqFT	Existing	0.07	20	$	0	45%	-
Manufacture	Cool Room	Cool Roofs	Lighter Colored Shingles (White)	Standard Roof Shingles	Per Roof SqFT	New	0.07	20	$	0	45%	-
Manufacture	Cool Room	Doors	ENERGY STAR Door (R-4.8)	Standard Code Door (R-2.9)	Per Door SqFt	Existing	0.10	20	$	1	61%	0
Manufacture	Cool Room	Doors	ENERGY STAR Door (R-4.8)	Standard Code Door (R-2.9)	Per Door SqFt	New	0.09	20	$	1	61%	0
Manufacture	Cool Room	Doors	Thermal Door (R-10)	Standard Code Door (R-2.9)	Per Door SqFt	Existing	0.17	20	$	3	76%	8
Manufacture	Cool Room	Doors	Thermal Door (R-10)	Standard Code Door (R-2.9)	Per Door SqFt	New	0.16	20	$	3	76%	1
Manufacture	Cool Room	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	Existing	36.28	11	$	612	56%	-
Manufacture	Cool Room	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	New	23.58	11	$	612	64%	-
Manufacture	Cool Room	Infiltration Reduction	4.0 ACH50	7.0 ACH50	Per Building SqFt	New	0.02	11	$	0	61%	-
Manufacture	Cool Room	Infiltration Reduction	4.0 ACH50	Existing Infiltration (10 ACH50)	Per Building SqFt	Existing	0.05	11	$	0	19%	14
Manufacture	Cool Room	Infiltration Reduction	7.0 ACH50	Existing Infiltration (10 ACH50)	Per Building SqFt	Existing	0.02	11	$	0	72%	26
Manufacture	Cool Room	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-38 (To Code Zone 5)	Average Existing Insulation (R-15.7)	Per Insulated SqFt	Existing	0.02	20	$	1	21%	-
Manufacture	Cool Room	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (To Code Zone 6)	Average Existing Insulation (R-15.7)	Per Insulated SqFt	Existing	0.03	20	$	1	20%	-
Manufacture	Cool Room	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (Zone 5)	Code Insulation R-38 (Zone 5)	Per Insulated SqFt	Existing	0.00	20	$	0	35%	-
Manufacture	Cool Room	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (Zone 5)	Code Insulation R-38 (Zone 5)	Per Insulated SqFt	New	0.00	20	$	0	35%	-
Manufacture	Cool Room	Insulation - Basement Wall	Insulation Basement Wall (R-10 Zone 5)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	-	20	$	1	7%	-
Manufacture	Cool Room	Insulation - Basement Wall	Insulation Basement Wall (R-15 Zone 6)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	-	20	$	1	14%	-
Manufacture	Cool Room	Insulation - Floor	Insulation Floor (R-30)	Average Existing Insulation (R-1.8)	Per Insulated SqFt	Existing	-	20	$	1	38%	-
Manufacture	Cool Room	Insulation - Rim/Band Joist	Insulation Rim and Band Joist (R-10)	No Rim And Band Joist Insulation	Per Insulated SqFt	Existing	0.04	20	$	1	11%	1
Manufacture	Cool Room	Insulation - Siding	Vinyl Siding with Foam Backing (R-3)	No Siding Insulation	Per Insulated SqFt	Existing	0.03	20	$	1	14%	6
Manufacture	Cool Room	Insulation - Skirting	Insulation Skirting for Manufactured Homes (R-	No Skirting	Per Insulated SqFt	Existing	0.03	20	$	1	9%	1
Manufacture	Cool Room	Insulation - Slab	Insulation Slab (R-15, 4ft)	Code Insulation (R-10, 4ft)	Per Insulated SqFt	New	-	20	$	0	13%	-
Manufacture	Cool Room	Insulation - Wall	Insulation Wall (R-13)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	0.07	20	$	1	3%	1
Manufacture	Cool Room	Insulation - Wall	Insulation Wall (R-20 or R-13 w/ R-5 sheathing)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	0.08	20	$	1	2%	2
Manufacture	Cool Room	Insulation - Wall	Insulation Wall (R-21 + R-5 sheathing)	Code Insulation (R-20 or R-13 w/ R-5	Per Insulated SqFt	New	0.01	20	$	0	87%	1
Manufacture	Cool Room	Radiant Barrier (Ceiling)	Radiant Barrier (Ceiling)	No Radiant Barrier	Per Radiant Barrier Install	Existing	37.03	30	$	675	49%	-
Manufacture	Cool Room	Radiant Barrier (Ceiling)	Radiant Barrier (Ceiling)	No Radiant Barrier	Per Radiant Barrier Install	New	37.03	30	$	480	82%	-
Manufacture	Cool Room	Removal of Secondary Window Air	Proper Disposal of Window Air Conditioner Unit	Existing Non-Efficient Window Air Conditioner	Per Recyled Unit	Existing	378.84	3	$	30	20%	144
Manufacture	Cool Room	Room AC - Below Standard	Below Standard 7.7 EER; 8,000-13,999 Btu	Below Standard 7.7 EER; 8,000-13,999 Btu	Per Unit	Existing	-	5	$	-	100%	-
Manufacture	Cool Room	Room AC - Below Standard	Below Standard 7.7 EER; 8,000-13,999 Btu	Below Standard 7.7 EER; 8,000-13,999 Btu	Per Unit	New	-	5	$	-	100%	-
Manufacture	Cool Room	Room AC - CEE Tier 1	CEE TIER 1 = 11.3 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Unit	Existing	39.51	9	$	309	100%	-
Manufacture	Cool Room	Room AC - CEE Tier 1	CEE TIER 1 = 11.3 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Unit	New	39.51	9	$	309	100%	-
Manufacture	Cool Room	Room AC - CEE Tier 2	CEE TIER 2 = 11.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Unit	Existing	50.45	9	$	575	100%	-
Manufacture	Cool Room	Room AC - CEE Tier 2	CEE TIER 2 = 11.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Unit	New	50.45	9	$	575	100%	-
Manufacture	Cool Room	Room AC - ENERGY STAR	ENERGY STAR = 10.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Unit	Existing	27.56	9	$	42	100%	39
Manufacture	Cool Room	Room AC - ENERGY STAR	ENERGY STAR = 10.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Unit	New	27.56	9	$	42	100%	4
Manufacture	Cool Room	Room AC - Standard	Federal Standard 9.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Unit	Existing	-	9	$	-	100%	-
Manufacture	Cool Room	Room AC - Standard	Federal Standard 9.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Unit	New	-	9	$	-	100%	-
Manufacture	Cool Room	Window - Film	Window Film (SHGC Reduction=45%)	No Window Film	Per Window SqFt	Existing	0.13	10	$	5	76%	-
Manufacture	Cool Room	Window - Shade	Window Shade/Blind or Thermal Drapes	No Interior Shading Device	Per Window SqFt	Existing	0.09	3	$	7	38%	-
Manufacture	Cool Room	Window - Upgrade	Code Window U-Factor = 0.35 (2009 IECC)	Existing Windows U-Factor	Per Window SqFt	Existing	0.13	20	$	25	24%	-
Manufacture	Cool Room	Window - Upgrade	ENERGY STAR U-Factor = 0.30	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	Existing	0.04	20	$	8	73%	-
Manufacture	Cool Room	Window - Upgrade	ENERGY STAR U-Factor = 0.30	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	New	0.03	20	$	8	82%	-
Manufacture	Cool Room	Window - Upgrade	Smart Window U-Factor = 0.22	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	Existing	0.09	20	$	33	61%	-
Manufacture	Cool Room	Window - Upgrade	Smart Window U-Factor = 0.22	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	New	0.08	20	$	33	68%	-
Manufacture	Copier	Copier - Standard	Standard Copier	Standard Copier	Per Unit	Existing	-	6	$	-	100%	-
Manufacture	Copier	Copier - Standard	Standard Copier	Standard Copier	Per Unit	New	-	6	$	-	100%	-
Manufacture	Copier	Copiers - Home Office ENERGY STAR	ENERGY STAR Office Copiers	Standard Copier	Per Unit	Existing	73.00	6	$	1,505	100%	-
Manufacture	Copier	Copiers - Home Office ENERGY STAR	ENERGY STAR Office Copiers	Standard Copier	Per Unit	New	73.00	6	$	1,505	100%	-
Manufacture	Dehumidifier	Dehumidifier - Standard	Standard Dehumidifier	Standard Dehumidifier	Per Unit	Existing	-	12	$	-	100%	-
Manufacture	Dehumidifier	Dehumidifier - Standard	Standard Dehumidifier	Standard Dehumidifier	Per Unit	New	-	12	$	-	100%	-
Manufacture	Dehumidifier	Dehumidifiers - ENERGY STAR	ENERGY STAR Dehumidifiers	Standard Dehumidifier	Per Unit	Existing	117.37	12	$	34	100%	715
Manufacture	Dehumidifier	Dehumidifiers - ENERGY STAR	ENERGY STAR Dehumidifiers	Standard Dehumidifier	Per Unit	New	117.37	12	$	34	100%	84
Manufacture	Dryer	Clothes Dryer - Moisture Sensor	Clothes Dryer w/ Moisture Sensor	Standard Dryer without Moisture Sensor	Per Unit	Existing	119.83	11	$	137	100%	-
Manufacture	Dryer	Clothes Dryer - Moisture Sensor	Clothes Dryer w/ Moisture Sensor	Standard Dryer without Moisture Sensor	Per Unit	New	119.83	11	$	137	100%	-
Manufacture	Dryer	Clothes Dryer - Standard without	Standard Dryer without Moisture Sensor	Standard Dryer without Moisture Sensor	Per Unit	Existing	-	11	$	-	100%	-
Manufacture	Dryer	Clothes Dryer - Standard without	Standard Dryer without Moisture Sensor	Standard Dryer without Moisture Sensor	Per Unit	New	-	11	$	-	100%	-
Manufacture	Dryer	Clothes Dryer - Steam	Steam Clothes Dryer	Standard Dryer without Moisture Sensor	Per Unit	Existing	119.83	11	$	372	98%	-
Manufacture	Dryer	Clothes Dryer - Steam	Steam Clothes Dryer	Standard Dryer without Moisture Sensor	Per Unit	New	119.83	11	$	372	98%	-
Manufacture	Freezer	Freezer - Below Standard	Below Standard Freezer	Below Standard Freezer	Per Unit	Existing	-	6	$	-	100%	-
Manufacture	Freezer	Freezer - Below Standard	Below Standard Freezer	Below Standard Freezer	Per Unit	New	-	6	$	-	100%	-
Manufacture	Freezer	Freezer - ENERGY STAR	ENERGY STAR Freezer	Standard Freezer - Federal Standard 2001	Per Unit	Existing	55.83	12	$	75	100%	-
Manufacture	Freezer	Freezer - ENERGY STAR	ENERGY STAR Freezer	Standard Freezer - Federal Standard 2001	Per Unit	New	55.83	12	$	75	100%	-

Manufacture	Freezer	Freezer - Federal Standard September	Standard Freezer - Federal Standard 2014	Standard Freezer - Federal Standard 2001	Per Unit	Existing	159.48	12	$ 214	100%	-
Manufacture	Freezer	Freezer - Federal Standard September	Standard Freezer - Federal Standard 2014	Standard Freezer - Federal Standard 2001	Per Unit	New	159.48	12	$ 214	100%	-
Manufacture	Freezer	Freezer - Standard 2001	Standard Freezer - Federal Standard 2001	Standard Freezer - Federal Standard 2001	Per Unit	Existing	-	12	$ -	100%	-
Manufacture	Freezer	Freezer - Standard 2001	Standard Freezer - Federal Standard 2001	Standard Freezer - Federal Standard 2001	Per Unit	New	-	12	$ -	100%	-
Manufacture	Freezer	Removal of Secondary Stand-Alone	Proper Disposal of Stand-Alone Freezer	Existing Non-Efficient Stand-Alone Freezer	Per Recyled Unit	Existing	916.00	5	$ 30	16%	1,534
Manufacture	Heat Central	Central Heat - Standard	Standard Central Heat	Standard Central Heat	Per Household	Existing	-	10	$ -	100%	-
Manufacture	Heat Central	Central Heat - Standard	Standard Central Heat	Standard Central Heat	Per Household	New	-	10	$ -	100%	-
Manufacture	Heat Central	Doors	ENERGY STAR Door (R-4.8)	Standard Code Door (R-2.9)	Per Door SqFt	Existing	6.18	20	$ 1	61%	20
Manufacture	Heat Central	Doors	ENERGY STAR Door (R-4.8)	Standard Code Door (R-2.9)	Per Door SqFt	New	6.18	20	$ 1	61%	1
Manufacture	Heat Central	Doors	Thermal Door (R-10)	Standard Code Door (R-2.9)	Per Door SqFt	Existing	11.08	20	$ 3	76%	768
Manufacture	Heat Central	Doors	Thermal Door (R-10)	Standard Code Door (R-2.9)	Per Door SqFt	New	11.08	20	$ 3	76%	57
Manufacture	Heat Central	Duct Sealing	4 CFM/100sqft of CFA	Existing CFM/100sqft of CFA	Per Duct Sealing Installation	Existing	1,908.75	18	$ 960	25%	785
Manufacture	Heat Central	Duct Sealing	8 CFM/100sqft of CFA	Existing CFM/100sqft of CFA	Per Duct Sealing Installation	Existing	1,272.50	18	$ 587	32%	695
Manufacture	Heat Central	Heat Exchanger - Air-to-Air	Air-to-Air Heat Exchanger	No Air-to-Air Heat Exchanger	Per Heat Exchanger	Existing	2,545.00	18	$ 1,085	75%	4,039
Manufacture	Heat Central	Heat Exchanger - Air-to-Air	Air-to-Air Heat Exchanger	No Air-to-Air Heat Exchanger	Per Heat Exchanger	New	1,801.00	18	$ 1,085	75%	210
Manufacture	Heat Central	Heat Pump - Ductless Mini-Split	ENERGY STAR 14.5 SEER, 8.2 HSPF	Electric Baseboard Heating	Per Ductless Heat Pump	Existing	2,603.73	15	$ 2,728	38%	-
Manufacture	Heat Central	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	Existing	1,272.50	11	$ 612	56%	-
Manufacture	Heat Central	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	New	585.33	11	$ 612	64%	-
Manufacture	Heat Central	Infiltration Reduction	4.0 ACH50	7.0 ACH50	Per Building SqFt	New	0.58	11	$ 0	61%	53
Manufacture	Heat Central	Infiltration Reduction	4.0 ACH50	Existing Infiltration (10 ACH50)	Per Building SqFt	Existing	1.65	11	$ 0	19%	630
Manufacture	Heat Central	Infiltration Reduction	7.0 ACH50	Existing Infiltration (10 ACH50)	Per Building SqFt	Existing	0.83	11	$ 0	72%	1,438
Manufacture	Heat Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-38 (To Code Zone 5)	Average Existing Insulation (R-15.7)	Per Insulated SqFt	Existing	1.46	20	$ 1	21%	447
Manufacture	Heat Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (To Code Zone 6)	Average Existing Insulation (R-15.7)	Per Insulated SqFt	Existing	1.70	20	$ 1	20%	481
Manufacture	Heat Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (Zone 5)	Code Insulation R-38 (Zone 5)	Per Insulated SqFt	Existing	0.25	20	$ 0	35%	-
Manufacture	Heat Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (Zone 5)	Code Insulation R-38 (Zone 5)	Per Insulated SqFt	New	0.25	20	$ 0	35%	-
Manufacture	Heat Central	Insulation - Basement Wall	Insulation Basement Wall (R-10 Zone 5)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	4.25	20	$ 1	7%	368
Manufacture	Heat Central	Insulation - Basement Wall	Insulation Basement Wall (R-15 Zone 6)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	4.93	20	$ 1	14%	899
Manufacture	Heat Central	Insulation - Duct	Insulation Duct (R-8)	No Duct Insulation	Per Duct Insulation Installation	Existing	540.81	20	$ 366	71%	605
Manufacture	Heat Central	Insulation - Floor	Insulation Floor (R-30)	Average Existing Insulation (R-1.8)	Per Insulated SqFt	Existing	1.24	20	$ 1	38%	686
Manufacture	Heat Central	Insulation - Rim/Band Joist	Insulation Rim and Band Joist (R-10)	No Rim And Band Joist Insulation	Per Insulated SqFt	Existing	2.54	20	$ 1	11%	66
Manufacture	Heat Central	Insulation - Siding	Vinyl Siding with Foam Backing (R-3)	No Siding Insulation	Per Insulated SqFt	Existing	2.21	20	$ 1	14%	697
Manufacture	Heat Central	Insulation - Skirting	Insulation Skirting for Manufactured Homes (R-	No Skirting	Per Insulated SqFt	Existing	1.69	20	$ 1	9%	112
Manufacture	Heat Central	Insulation - Slab	Insulation Slab (R-15, 4ft)	Code Insulation (R-10, 4ft)	Per Insulated SqFt	New	0.80	20	$ 0	13%	16
Manufacture	Heat Central	Insulation - Wall	Insulation Wall (R-13)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	4.38	20	$ 1	3%	113
Manufacture	Heat Central	Insulation - Wall	Insulation Wall (R-20 or R-13 w/ R-5 sheathing)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	5.13	20	$ 1	2%	200
Manufacture	Heat Central	Insulation - Wall	Insulation Wall (R-21 + R-5 sheathing)	Code Insulation (R-20 or R-13 w/ R-5	Per Insulated SqFt	New	0.37	20	$ 0	87%	50
Manufacture	Heat Central	Radiant Barrier (Ceiling)	Radiant Barrier (Ceiling)	No Radiant Barrier	Per Radiant Barrier Install	Existing	254.50	30	$ 675	49%	-
Manufacture	Heat Central	Radiant Barrier (Ceiling)	Radiant Barrier (Ceiling)	No Radiant Barrier	Per Radiant Barrier Install	New	180.10	30	$ 480	82%	-
Manufacture	Heat Central	Thermostat - Multi-Zone	Individual Room Temperature Control for Major	Programmable Thermostat - Central Control	Per Programmable Control System	New	612.34	11	$ 895	62%	-
Manufacture	Heat Central	Thermostat - Programmable	Setback Thermostat 5-1-1, 5-2 or 7-Day	Manual Thermostat	Per Programmable Control	Existing	445.38	15	$ 33	79%	46
Manufacture	Heat Central	Thermostat - WiFi Programmable	WiFi Programmable Thermostat	Programmable Thermostat - Central Control	Per Programmable Control	Existing	446.65	15	$ 167	82%	654
Manufacture	Heat Central	Thermostat - WiFi Programmable	WiFi Programmable Thermostat	Programmable Thermostat - Central Control	Per Programmable Control	New	316.08	15	$ 167	90%	38
Manufacture	Heat Central	Window - Upgrade	Code Window U-Factor = 0.35 (2009 IECC)	Existing Windows U-Factor	Per Window SqFt	Existing	8.15	20	$ 25	24%	-
Manufacture	Heat Central	Window - Upgrade	ENERGY STAR U-Factor = 0.30	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	Existing	2.26	20	$ 8	73%	-
Manufacture	Heat Central	Window - Upgrade	ENERGY STAR U-Factor = 0.30	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	New	2.26	20	$ 8	82%	-
Manufacture	Heat Central	Window - Upgrade	Smart Window U-Factor = 0.22	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	Existing	5.89	20	$ 33	61%	-
Manufacture	Heat Central	Window - Upgrade	Smart Window U-Factor = 0.22	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	New	5.89	20	$ 33	68%	-
Manufacture	Heat Pump	Attic Fan	Attic Fan For Summer Cooling	No Attic Fan with Central Cooling	Per Attic Fan	Existing	107.01	19	$ 249	82%	-
Manufacture	Heat Pump	Cool Roofs	Lighter Colored Shingles (White)	Standard Roof Shingles	Per Roof SqFT	Existing	0.06	20	$ 0	45%	-
Manufacture	Heat Pump	Cool Roofs	Lighter Colored Shingles (White)	Standard Roof Shingles	Per Roof SqFT	New	0.04	20	$ 0	45%	-
Manufacture	Heat Pump	Doors	ENERGY STAR Door (R-4.8)	Standard Code Door (R-2.9)	Per Door SqFt	Existing	3.27	20	$ 1	61%	-
Manufacture	Heat Pump	Doors	ENERGY STAR Door (R-4.8)	Standard Code Door (R-2.9)	Per Door SqFt	New	2.82	20	$ 1	61%	-
Manufacture	Heat Pump	Doors	Thermal Door (R-10)	Standard Code Door (R-2.9)	Per Door SqFt	Existing	5.87	20	$ 3	76%	-
Manufacture	Heat Pump	Doors	Thermal Door (R-10)	Standard Code Door (R-2.9)	Per Door SqFt	New	5.05	20	$ 3	76%	-
Manufacture	Heat Pump	Duct Sealing	4 CFM/100sqft of CFA	8 CFM/100sqft of CFA	Per Duct Sealing Installation	New	479.31	18	$ 333	61%	-
Manufacture	Heat Pump	Duct Sealing	4 CFM/100sqft of CFA	Existing CFM/100sqft of CFA	Per Duct Sealing Installation	Existing	1,806.65	18	$ 960	33%	-
Manufacture	Heat Pump	Duct Sealing	8 CFM/100sqft of CFA	Existing CFM/100sqft of CFA	Per Duct Sealing Installation	Existing	1,204.44	18	$ 587	61%	-
Manufacture	Heat Pump	ECM Motor - Air Source Heat Pump	Air Source Heat Pump ECM Fan	Standard Motor	Per ECM	Existing	394.71	15	$ 200	62%	-
Manufacture	Heat Pump	ECM Motor - Air Source Heat Pump	Air Source Heat Pump ECM Fan	Standard Motor	Per ECM	New	338.64	15	$ 200	90%	-
Manufacture	Heat Pump	Heat Exchanger - Air-to-Air	Air-to-Air Heat Exchanger	No Air-to-Air Heat Exchanger	Per Heat Exchanger	Existing	2,408.87	18	$ 1,085	75%	-
Manufacture	Heat Pump	Heat Exchanger - Air-to-Air	Air-to-Air Heat Exchanger	No Air-to-Air Heat Exchanger	Per Heat Exchanger	New	1,917.23	18	$ 1,085	75%	-
Manufacture	Heat Pump	Heat Pump - Below Standard	Below Standard SEER 10 and HSPF 7.2	Below Standard SEER 10 and HSPF 7.2	Per Household	Existing	-	9	$ -	100%	-
Manufacture	Heat Pump	Heat Pump - Below Standard	Below Standard SEER 10 and HSPF 7.2	Below Standard SEER 10 and HSPF 7.2	Per Household	New	-	9	$ -	100%	-

Manufacture	Heat Pump	Heat Pump - CEE Tier 2	CEE Tier 2 SEER/EER 15/12.5 and HSPF 8.5	Federal Standard SEER 13 and HSPF 7.7	Per Household	Existing	1,115.67	18	$	548	100%	-
Manufacture	Heat Pump	Heat Pump - CEE Tier 2	CEE Tier 2 SEER/EER 15/12.5 and HSPF 8.5	Federal Standard SEER 13 and HSPF 7.7	Per Household	New	878.56	18	$	548	100%	-
Manufacture	Heat Pump	Heat Pump - ENERGY STAR	ENERGY STAR SEER/EER 14.5/12 and HSPF	Federal Standard SEER 13 and HSPF 7.7	Per Household	Existing	752.91	18	$	411	100%	-
Manufacture	Heat Pump	Heat Pump - ENERGY STAR	ENERGY STAR SEER/EER 14.5/12 and HSPF	Federal Standard SEER 13 and HSPF 7.7	Per Household	New	586.87	18	$	411	100%	-
Manufacture	Heat Pump	Heat Pump - Enhanced	Enhanced SEER/EER 16/13 and HSPF 9.0	Federal Standard SEER 13 and HSPF 7.7	Per Household	Existing	1,682.03	18	$	822	100%	-
Manufacture	Heat Pump	Heat Pump - Enhanced	Enhanced SEER/EER 16/13 and HSPF 9.0	Federal Standard SEER 13 and HSPF 7.7	Per Household	New	1,330.59	18	$	822	100%	-
Manufacture	Heat Pump	Heat Pump - Ground Source	GSHP ENERGY STAR EER 17.1 and 3.6 COP	Federal Standard SEER 13 and HSPF 7.7	Per Household	Existing	4,121.42	18	$	6,658	25%	-
Manufacture	Heat Pump	Heat Pump - Ground Source	GSHP ENERGY STAR EER 17.1 and 3.6 COP	Federal Standard SEER 13 and HSPF 7.7	Per Household	New	3,306.26	18	$	6,739	25%	-
Manufacture	Heat Pump	Heat Pump - Standard	Federal Standard SEER 13 and HSPF 7.7	Federal Standard SEER 13 and HSPF 7.7	Per Household	Existing	-	18	$	-	100%	-
Manufacture	Heat Pump	Heat Pump - Standard	Federal Standard SEER 13 and HSPF 7.7	Federal Standard SEER 13 and HSPF 7.7	Per Household	New	-	18	$	-	100%	-
Manufacture	Heat Pump	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	Existing	1,204.44	11	$	612	56%	-
Manufacture	Heat Pump	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	New	623.10	11	$	612	64%	-
Manufacture	Heat Pump	Infiltration Reduction	4.0 ACH50	7.0 ACH50	Per Building SqFt	New	0.62	11	$	0	61%	-
Manufacture	Heat Pump	Infiltration Reduction	4.0 ACH50	Existing Infiltration (10 ACH50)	Per Building SqFt	Existing	1.56	11	$	0	19%	-
Manufacture	Heat Pump	Infiltration Reduction	7.0 ACH50	Existing Infiltration (10 ACH50)	Per Building SqFt	Existing	0.78	11	$	0	72%	-
Manufacture	Heat Pump	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-38 (To Code Zone 5)	Average Existing Insulation (R-15.7)	Per Insulated SqFt	Existing	0.77	20	$	1	21%	-
Manufacture	Heat Pump	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (To Code Zone 6)	Average Existing Insulation (R-15.7)	Per Insulated SqFt	Existing	0.90	20	$	1	20%	-
Manufacture	Heat Pump	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (Zone 5)	Code Insulation R-38 (Zone 5)	Per Insulated SqFt	Existing	0.13	20	$	0	35%	-
Manufacture	Heat Pump	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (Zone 5)	Code Insulation R-38 (Zone 5)	Per Insulated SqFt	New	0.11	20	$	0	35%	-
Manufacture	Heat Pump	Insulation - Basement Wall	Insulation Basement Wall (R-10 Zone 5)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	1.89	20	$	1	7%	-
Manufacture	Heat Pump	Insulation - Basement Wall	Insulation Basement Wall (R-15 Zone 6)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	2.20	20	$	1	14%	-
Manufacture	Heat Pump	Insulation - Duct	Insulation Duct (R-8)	No Duct Insulation	Per Duct Insulation Installation	Existing	490.69	20	$	366	71%	-
Manufacture	Heat Pump	Insulation - Floor	Insulation Floor (R-30)	Average Existing Insulation (R-1.8)	Per Insulated SqFt	Existing	0.66	20	$	1	38%	-
Manufacture	Heat Pump	Insulation - Rim/Band Joist	Insulation Rim and Band Joist (R-10)	No Rim And Band Joist Insulation	Per Insulated SqFt	Existing	1.34	20	$	1	11%	-
Manufacture	Heat Pump	Insulation - Siding	Vinyl Siding with Foam Backing (R-3)	No Siding Insulation	Per Insulated SqFt	Existing	1.17	20	$	1	14%	-
Manufacture	Heat Pump	Insulation - Skirting	Insulation Skirting for Manufactured Homes (R-	No Skirting	Per Insulated SqFt	Existing	0.89	20	$	1	9%	-
Manufacture	Heat Pump	Insulation - Slab	Insulation Slab (R-15, 4ft)	Code Insulation (R-10, 4ft)	Per Insulated SqFt	New	0.30	20	$	0	13%	-
Manufacture	Heat Pump	Insulation - Wall	Insulation Wall (R-13)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	2.32	20	$	1	3%	-
Manufacture	Heat Pump	Insulation - Wall	Insulation Wall (R-20 or R-13 w/ R-5 sheathing)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	2.72	20	$	1	2%	-
Manufacture	Heat Pump	Insulation - Wall	Insulation Wall (R-21 + R-5 sheathing)	Code Insulation (R-20 or R-13 w/ R-5	Per Insulated SqFt	New	0.17	20	$	0	87%	-
Manufacture	Heat Pump	Quality Install Heat Pump	Quality Installation (QI)	Standard Installation	Per QI Install	Existing	1,393.22	5	$	300	45%	-
Manufacture	Heat Pump	Quality Install Heat Pump	Quality Installation (QI)	Standard Installation	Per QI Install	New	1,108.87	5	$	300	45%	-
Manufacture	Heat Pump	Radiant Barrier (Ceiling)	Radiant Barrier (Ceiling)	No Radiant Barrier	Per Radiant Barrier Install	Existing	1,229.53	30	$	675	49%	-
Manufacture	Heat Pump	Radiant Barrier (Ceiling)	Radiant Barrier (Ceiling)	No Radiant Barrier	Per Radiant Barrier Install	New	978.59	30	$	480	82%	-
Manufacture	Heat Pump	Solar Attic Fan	Solar Electric Attic Ventilation	Standard Passive Ventilation	Per Solar Fan	Existing	115.59	19	$	331	49%	-
Manufacture	Heat Pump	Solar Attic Fan	Solar Electric Attic Ventilation	Standard Passive Ventilation	Per Solar Fan	New	92.00	19	$	331	49%	-
Manufacture	Heat Pump	Thermostat - Multi-Zone	Individual Room Temperature Control for Major	Programmable Thermostat - Central Control	Per Programmable Control System	New	651.86	11	$	895	62%	-
Manufacture	Heat Pump	Thermostat - Programmable	Setback Thermostat 5-1-1, 5-2 or 7-Day	Manual Thermostat	Per Programmable Control	Existing	421.55	15	$	33	79%	-
Manufacture	Heat Pump	Thermostat - WiFi Programmable	WiFi Programmable Thermostat	Programmable Thermostat - Central Control	Per Programmable Control	Existing	422.76	15	$	167	82%	-
Manufacture	Heat Pump	Thermostat - WiFi Programmable	WiFi Programmable Thermostat	Programmable Thermostat - Central Control	Per Programmable Control	New	336.47	15	$	167	90%	-
Manufacture	Heat Pump	Tune-up - Air Source Heat Pump	Air Source Heat Pump Maintenance (Tune-up)	Unmaintained Air Source Heat Pump	Per Tune-up	Existing	834.10	5	$	200	71%	-
Manufacture	Heat Pump	Tune-up - Ground Source Heat Pump	Ground Source Heat Pump Maintenance (Tune-	Unmaintained Ground Source Heat Pump	Per Tune-up	Existing	602.22	5	$	200	0%	-
Manufacture	Heat Pump	Whole-House Fan	Whole-House Fan to Offset Central Cooling	No Whole-House Fan	Per House Fan	Existing	288.97	20	$	366	48%	-
Manufacture	Heat Pump	Whole-House Fan	Whole-House Fan to Offset Central Cooling	No Whole-House Fan	Per House Fan	New	229.99	20	$	366	48%	-
Manufacture	Heat Pump	Window - Film	Window Film (SHGC Reduction=45%)	No Window Film	Per Window SqFt	Existing	0.71	10	$	5	76%	-
Manufacture	Heat Pump	Window - Shade	Window Shade/Blind or Thermal Drapes	No Interior Shading Device	Per Window SqFt	Existing	0.47	3	$	7	38%	-
Manufacture	Heat Pump	Window - Upgrade	Code Window U-Factor = 0.35 (2009 IECC)	Existing Windows U-Factor	Per Window SqFt	Existing	4.32	20	$	25	24%	-
Manufacture	Heat Pump	Window - Upgrade	ENERGY STAR U-Factor = 0.30	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	Existing	1.20	20	$	8	73%	-
Manufacture	Heat Pump	Window - Upgrade	ENERGY STAR U-Factor = 0.30	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	New	1.10	20	$	8	82%	-
Manufacture	Heat Pump	Window - Upgrade	Smart Window U-Factor = 0.22	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	Existing	3.12	20	$	33	61%	-
Manufacture	Heat Pump	Window - Upgrade	Smart Window U-Factor = 0.22	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	New	2.86	20	$	33	68%	-
Manufacture	Heat Room	Doors	ENERGY STAR Door (R-4.8)	Standard Code Door (R-2.9)	Per Door SqFt	Existing	1.54	20	$	1	61%	18
Manufacture	Heat Room	Doors	ENERGY STAR Door (R-4.8)	Standard Code Door (R-2.9)	Per Door SqFt	New	1.54	20	$	1	61%	1
Manufacture	Heat Room	Doors	Thermal Door (R-10)	Standard Code Door (R-2.9)	Per Door SqFt	Existing	2.77	20	$	3	76%	-
Manufacture	Heat Room	Doors	Thermal Door (R-10)	Standard Code Door (R-2.9)	Per Door SqFt	New	2.77	20	$	3	76%	-
Manufacture	Heat Room	Heat Pump - Ductless Mini-Split	ENERGY STAR 14.5 SEER, 8.2 HSPF	Electric Baseboard Heating	Per Ductless Heat Pump	Existing	2,603.73	15	$	2,728	38%	-
Manufacture	Heat Room	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	Existing	979.83	11	$	612	56%	-
Manufacture	Heat Room	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	New	450.70	11	$	612	64%	-
Manufacture	Heat Room	Infiltration Reduction	4.0 ACH50	7.0 ACH50	Per Building SqFt	New	0.45	11	$	0	61%	-
Manufacture	Heat Room	Infiltration Reduction	4.0 ACH50	Existing Infiltration (10 ACH50)	Per Building SqFt	Existing	1.27	11	$	0	19%	130
Manufacture	Heat Room	Infiltration Reduction	7.0 ACH50	Existing Infiltration (10 ACH50)	Per Building SqFt	Existing	0.64	11	$	0	72%	247
Manufacture	Heat Room	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-38 (To Code Zone 5)	Average Existing Insulation (R-15.7)	Per Insulated SqFt	Existing	0.36	20	$	1	21%	-
Manufacture	Heat Room	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (To Code Zone 6)	Average Existing Insulation (R-15.7)	Per Insulated SqFt	Existing	0.43	20	$	1	20%	-

Manufacture	Heat Room	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (Zone 5)	Code Insulation R-38 (Zone 5)	Per Insulated SqFt	Existing	0.06	20	$	0	35%	-
Manufacture	Heat Room	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (Zone 5)	Code Insulation R-38 (Zone 5)	Per Insulated SqFt	New	0.06	20	$	0	35%	-
Manufacture	Heat Room	Insulation - Basement Wall	Insulation Basement Wall (R-10 Zone 5)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	1.06	20	$	1	7%	-
Manufacture	Heat Room	Insulation - Basement Wall	Insulation Basement Wall (R-15 Zone 6)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	1.23	20	$	1	14%	-
Manufacture	Heat Room	Insulation - Floor	Insulation Floor (R-30)	Average Existing Insulation (R-1.8)	Per Insulated SqFt	Existing	0.31	20	$	1	38%	-
Manufacture	Heat Room	Insulation - Rim/Band Joist	Insulation Rim and Band Joist (R-10)	No Rim And Band Joist Insulation	Per Insulated SqFt	Existing	0.63	20	$	1	11%	-
Manufacture	Heat Room	Insulation - Siding	Vinyl Siding with Foam Backing (R-3)	No Siding Insulation	Per Insulated SqFt	Existing	0.55	20	$	1	14%	-
Manufacture	Heat Room	Insulation - Skirting	Insulation Skirting for Manufactured Homes (R-	No Skirting	Per Insulated SqFt	Existing	0.42	20	$	1	9%	-
Manufacture	Heat Room	Insulation - Slab	Insulation Slab (R-15, 4ft)	Code Insulation (R-10, 4ft)	Per Insulated SqFt	New	0.20	20	$	0	13%	-
Manufacture	Heat Room	Insulation - Wall	Insulation Wall (R-13)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	1.09	20	$	1	3%	-
Manufacture	Heat Room	Insulation - Wall	Insulation Wall (R-20 or R-13 w/ R-5 sheathing)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	1.28	20	$	1	2%	-
Manufacture	Heat Room	Insulation - Wall	Insulation Wall (R-21 + R-5 sheathing)	Code Insulation (R-20 or R-13 w/ R-5	Per Insulated SqFt	New	0.09	20	$	0	87%	-
Manufacture	Heat Room	Radiant Barrier (Ceiling)	Radiant Barrier (Ceiling)	No Radiant Barrier	Per Radiant Barrier Install	Existing	195.97	30	$	675	49%	-
Manufacture	Heat Room	Radiant Barrier (Ceiling)	Radiant Barrier (Ceiling)	No Radiant Barrier	Per Radiant Barrier Install	New	138.68	30	$	480	82%	-
Manufacture	Heat Room	Room Heat - Standard	Standard Room Heat	Standard Room Heat	Per Household	Existing	-	10	$	-	100%	-
Manufacture	Heat Room	Room Heat - Standard	Standard Room Heat	Standard Room Heat	Per Household	New	-	10	$	-	100%	-
Manufacture	Heat Room	Window - Upgrade	Code Window U-Factor = 0.35 (2009 IECC)	Existing Windows U-Factor	Per Window SqFt	Existing	2.04	20	$	25	24%	-
Manufacture	Heat Room	Window - Upgrade	ENERGY STAR U-Factor = 0.30	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	Existing	0.57	20	$	8	73%	-
Manufacture	Heat Room	Window - Upgrade	ENERGY STAR U-Factor = 0.30	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	New	0.57	20	$	8	82%	-
Manufacture	Heat Room	Window - Upgrade	Smart Window U-Factor = 0.22	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	Existing	1.47	20	$	33	61%	-
Manufacture	Heat Room	Window - Upgrade	Smart Window U-Factor = 0.22	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	New	1.47	20	$	33	68%	-
Manufacture	Home Audio	Home Audio System - ENERGY STAR	ENERGY STAR Home Audio System	Standard Home Audio System	Per Unit	Existing	22.00	7	$	20	100%	-
Manufacture	Home Audio	Home Audio System - ENERGY STAR	ENERGY STAR Home Audio System	Standard Home Audio System	Per Unit	New	22.00	7	$	20	100%	-
Manufacture	Home Audio	Home Audio System - Standard	Standard Home Audio System	Standard Home Audio System	Per Unit	Existing	-	7	$	-	100%	-
Manufacture	Home Audio	Home Audio System - Standard	Standard Home Audio System	Standard Home Audio System	Per Unit	New	-	7	$	-	100%	-
Manufacture	Lighting	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	Existing	7.64	11	$	612	56%	-
Manufacture	Lighting	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	New	7.64	11	$	612	64%	-
Manufacture	Lighting	Lighitng Controls - Daylighting Controls	Lighitng Controls - Daylighting Controls	No Daylighting Controls	Per Photocell Control	Existing	7.64	10	$	64	25%	-
Manufacture	Lighting	Lighitng Controls - Daylighting Controls	Lighitng Controls - Daylighting Controls	No Daylighting Controls	Per Photocell Control	New	7.64	10	$	64	25%	-
Manufacture	Lighting	Lighting - CFL	Exterior - CFL	EISA Standard	Per Lamp	Existing	35.65	3	$	4	100%	-
Manufacture	Lighting	Lighting - CFL	Exterior - CFL	EISA Standard	Per Lamp	New	35.65	3	$	4	100%	-
Manufacture	Lighting	Lighting - EISA Backstop	Exterior - EISA Backstop	EISA Standard	Per Lamp	Existing	32.76	2	$	-	100%	-
Manufacture	Lighting	Lighting - EISA Backstop	Exterior - EISA Backstop	EISA Standard	Per Lamp	New	32.76	2	$	-	100%	-
Manufacture	Lighting	Lighting - EISA Standard	Exterior - EISA Standard	EISA Standard	Per Lamp	Existing	-	2	$	-	100%	-
Manufacture	Lighting	Lighting - EISA Standard	Exterior - EISA Standard	EISA Standard	Per Lamp	New	-	2	$	-	100%	-
Manufacture	Lighting	Lighting - Incandescent	Exterior - Incandescent	Incandescent	Per Lamp	Existing	-	2	$	-	100%	-
Manufacture	Lighting	Lighting - Incandescent	Exterior - Incandescent	Incandescent	Per Lamp	New	-	2	$	-	100%	-
Manufacture	Lighting	Lighting - LED	Exterior - LED	EISA Standard	Per Lamp	Existing	51.25	12	$	37	100%	793
Manufacture	Lighting	Lighting - LED	Exterior - LED	EISA Standard	Per Lamp	New	51.25	12	$	37	100%	54
Manufacture	Lighting	LED Christmas Lighting	LED Christmas Lighting	Incandescent Christmas Lighting	Per LED String	Existing	6.08	5	$	19	82%	-
Manufacture	Lighting	LED Christmas Lighting	LED Christmas Lighting	Incandescent Christmas Lighting	Per LED String	New	6.08	5	$	19	82%	-
Manufacture	Lighting	Lighting - CFL	Interior Specialty - CFL	EISA Standard	Per Lamp	Existing	31.97	6	$	6	65%	2,787
Manufacture	Lighting	Lighting - CFL	Interior Specialty - CFL	EISA Standard	Per Lamp	New	31.97	6	$	6	65%	201
Manufacture	Lighting	Lighting - Incandescent	Interior Specialty - Incandescent	Incandescent	Per Lamp	Existing	-	2	$	-	100%	-
Manufacture	Lighting	Lighting - Incandescent	Interior Specialty - Incandescent	Incandescent	Per Lamp	New	-	2	$	-	100%	-
Manufacture	Lighting	Lighting - LED	Interior Specialty - LED	EISA Standard	Per Lamp	Existing	37.05	12	$	29	50%	4,723
Manufacture	Lighting	Lighting - LED	Interior Specialty - LED	EISA Standard	Per Lamp	New	37.05	12	$	29	50%	307
Manufacture	Lighting	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	Existing	37.46	11	$	612	56%	-
Manufacture	Lighting	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	New	37.46	11	$	612	64%	-
Manufacture	Lighting	Lighitng Controls - Daylighting Controls	Lighitng Controls - Daylighting Controls	No Daylighting Controls	Per Photocell Control	Existing	7.49	10	$	64	14%	-
Manufacture	Lighting	Lighitng Controls - Daylighting Controls	Lighitng Controls - Daylighting Controls	No Daylighting Controls	Per Photocell Control	New	7.49	10	$	64	14%	-
Manufacture	Lighting	Lighting - CFL	Interior Standard - CFL	EISA Standard	Per Lamp	Existing	15.93	5	$	(0)	100%	-
Manufacture	Lighting	Lighting - CFL	Interior Standard - CFL	EISA Standard	Per Lamp	New	15.93	5	$	(0)	100%	-
Manufacture	Lighting	Lighting - EISA Backstop	Interior Standard - EISA Backstop	EISA Standard	Per Lamp	Existing	14.49	2	$	-	100%	-
Manufacture	Lighting	Lighting - EISA Backstop	Interior Standard - EISA Backstop	EISA Standard	Per Lamp	New	14.49	2	$	-	100%	-
Manufacture	Lighting	Lighting - EISA Standard	Interior Standard - EISA Standard	EISA Standard	Per Lamp	Existing	-	2	$	-	100%	-
Manufacture	Lighting	Lighting - EISA Standard	Interior Standard - EISA Standard	EISA Standard	Per Lamp	New	-	2	$	-	100%	-
Manufacture	Lighting	Lighting - Incandescent	Interior Standard - Incandescent	Incandescent	Per Lamp	Existing	-	2	$	-	100%	-
Manufacture	Lighting	Lighting - Incandescent	Interior Standard - Incandescent	Incandescent	Per Lamp	New	-	2	$	-	100%	-
Manufacture	Lighting	Lighting - LED	Interior Standard - LED	EISA Standard	Per Lamp	Existing	22.66	12	$	25	100%	3,900
Manufacture	Lighting	Lighting - LED	Interior Standard - LED	EISA Standard	Per Lamp	New	22.66	12	$	25	100%	268
Manufacture	Lighting	Lighting Controls - Occupancy Sensors	Wall-Switch Occupancy Sensors	No Occupancy Sensor	Per Occupancy Sensor	Existing	14.05	10	$	57	17%	-
Manufacture	Lighting	Lighting Controls - Occupancy Sensors	Wall-Switch Occupancy Sensors	No Occupancy Sensor	Per Occupancy Sensor	New	14.05	10	$	57	17%	-

Manufacture	Microwave	Microwave - Standard	Standard Microwave	Standard Microwave	Per Unit	Existing	-	10	$ -	100%	-
Manufacture	Microwave	Microwave - Standard	Standard Microwave	Standard Microwave	Per Unit	New	-	10	$ -	100%	-
Manufacture	Monitor	Monitor - Home Office ENERGY STAR	ENERGY STAR Office Monitor	Standard Office Monitor	Per Unit	Existing	14.19	5	$ -	100%	-
Manufacture	Monitor	Monitor - Home Office ENERGY STAR	ENERGY STAR Office Monitor	Standard Office Monitor	Per Unit	New	14.19	5	$ -	100%	-
Manufacture	Monitor	Monitor - Home Office Standard	Standard Office Monitor	Standard Office Monitor	Per Unit	Existing	-	5	$ -	100%	-
Manufacture	Monitor	Monitor - Home Office Standard	Standard Office Monitor	Standard Office Monitor	Per Unit	New	-	5	$ -	100%	-
Manufacture	Other Plug	DVD System - ENERGY STAR	ENERGY STAR DVD System	Standard DVD System	Per Unit	Existing	18.54	3	$ 1	100%	689
Manufacture	Other Plug	DVD System - ENERGY STAR	ENERGY STAR DVD System	Standard DVD System	Per Unit	New	18.54	3	$ 1	100%	48
Manufacture	Other Plug	DVD System - Standard	Standard DVD System	Standard DVD System	Per Unit	Existing	-	3	$ -	100%	-
Manufacture	Other Plug	DVD System - Standard	Standard DVD System	Standard DVD System	Per Unit	New	-	3	$ -	100%	-
Manufacture	Plug Load	Battery Chargers	Energy Star Battery Chargers	Standard Battery Chargers	Per Battary Charger	Existing	12.16	3	$ 5	36%	-
Manufacture	Plug Load	Battery Chargers	Energy Star Battery Chargers	Standard Battery Chargers	Per Battary Charger	New	12.16	3	$ 5	36%	-
Manufacture	Plug Load	Ceiling Fans	ENERGY STAR Ceiling Fans with Light Kit	Standard Ceiling Fan	Per Ceiling Fan	Existing	65.65	10	$ 120	51%	-
Manufacture	Plug Load	Ceiling Fans	ENERGY STAR Ceiling Fans with Light Kit	Standard Ceiling Fan	Per Ceiling Fan	New	65.65	10	$ 120	51%	-
Manufacture	Plug Load	Ceiling Fans	ENERGY STAR Ceiling Fans without Light Kit	Standard Ceiling Fan	Per Ceiling Fan	Existing	4.33	10	$ 1	51%	64
Manufacture	Plug Load	Ceiling Fans	ENERGY STAR Ceiling Fans without Light Kit	Standard Ceiling Fan	Per Ceiling Fan	New	4.33	10	$ 1	51%	4
Manufacture	Plug Load	Cordless Phone - ENERGY STAR	ENERGY STAR Cordless Phone	Standard Cordless Phone	Per Cordless Phone	Existing	25.60	5	$ 1	29%	219
Manufacture	Plug Load	Cordless Phone - ENERGY STAR	ENERGY STAR Cordless Phone	Standard Cordless Phone	Per Cordless Phone	New	25.60	5	$ 1	29%	15
Manufacture	Plug Load	Home Office - Server	ENERGY STAR Home Server	Standard Office Server	Per Home Server	Existing	24.87	4	$ 9	4%	-
Manufacture	Plug Load	Home Office - Server	ENERGY STAR Home Server	Standard Office Server	Per Home Server	New	24.87	4	$ 9	4%	-
Manufacture	Plug Load	Plug Load - Other	Plug Load Other	Plug Load Other	Per Household	Existing	-	5	$ -	100%	-
Manufacture	Plug Load	Plug Load - Other	Plug Load Other	Plug Load Other	Per Household	New	-	5	$ -	100%	-
Manufacture	Plug Load	Smart Strip	Smart Strip	Standard Power Strip	Per Smart Strip	Existing	100.00	5	$ 22	62%	1,804
Manufacture	Plug Load	Smart Strip	Smart Strip	Standard Power Strip	Per Smart Strip	New	100.00	5	$ 22	62%	123
Manufacture	Printer	Printer - Home Office ENERGY STAR	ENERGY STAR Office Printer	Standard Printer	Per Unit	Existing	32.21	5	$ 13	100%	-
Manufacture	Printer	Printer - Home Office ENERGY STAR	ENERGY STAR Office Printer	Standard Printer	Per Unit	New	32.21	5	$ 13	100%	-
Manufacture	Printer	Printer - Standard	Standard Printer	Standard Printer	Per Unit	Existing	-	5	$ -	100%	-
Manufacture	Printer	Printer - Standard	Standard Printer	Standard Printer	Per Unit	New	-	5	$ -	100%	-
Manufacture	Refrigerator	Refrigerator - Below Standard	Below Standard Refrigerator	Below Standard Refrigerator	Per Unit	Existing	-	7	$ -	100%	-
Manufacture	Refrigerator	Refrigerator - Below Standard	Below Standard Refrigerator	Below Standard Refrigerator	Per Unit	New	-	7	$ -	100%	-
Manufacture	Refrigerator	Refrigerator - CEE Tier 2	CEE Tier 2 Refrigerator	Standard Refrigerator - Federal Standard 2001	Per Unit	Existing	142.20	13	$ 430	100%	-
Manufacture	Refrigerator	Refrigerator - CEE Tier 2	CEE Tier 2 Refrigerator	Standard Refrigerator - Federal Standard 2001	Per Unit	New	142.20	13	$ 430	100%	-
Manufacture	Refrigerator	Refrigerator - CEE Tier 3	CEE Tier 3 Refrigerator	Standard Refrigerator - Federal Standard 2001	Per Unit	Existing	170.65	13	$ 581	100%	-
Manufacture	Refrigerator	Refrigerator - CEE Tier 3	CEE Tier 3 Refrigerator	Standard Refrigerator - Federal Standard 2001	Per Unit	New	170.65	13	$ 581	100%	-
Manufacture	Refrigerator	Refrigerator - ENERGY STAR	ENERGY STAR Refrigerator	Standard Refrigerator - Federal Standard 2001	Per Unit	Existing	113.76	13	$ 251	100%	-
Manufacture	Refrigerator	Refrigerator - ENERGY STAR	ENERGY STAR Refrigerator	Standard Refrigerator - Federal Standard 2001	Per Unit	New	113.76	13	$ 251	100%	-
Manufacture	Refrigerator	Refrigerator - Federal Standard	Federal Standard In 2014 (NAECA)	Standard Refrigerator - Federal Standard 2001	Per Unit	Existing	56.45	13	$ 125	100%	-
Manufacture	Refrigerator	Refrigerator - Federal Standard	Federal Standard In 2014 (NAECA)	Standard Refrigerator - Federal Standard 2001	Per Unit	New	56.45	13	$ 125	100%	-
Manufacture	Refrigerator	Refrigerator - Standard 2001	Standard Refrigerator - Federal Standard 2001	Standard Refrigerator - Federal Standard 2001	Per Unit	Existing	-	13	$ -	100%	-
Manufacture	Refrigerator	Refrigerator - Standard 2001	Standard Refrigerator - Federal Standard 2001	Standard Refrigerator - Federal Standard 2001	Per Unit	New	-	13	$ -	100%	-
Manufacture	Refrigerator	Removal of Secondary	Proper Disposal of Refrigerator/Freezer Combo	Existing Non-Efficient Refrigerator/Freezer	Per Recyled Unit	Existing	1,140.00	5	$ 30	7%	2,585
Manufacture	Set Top Box	Digital Set Top Receiver - ENERGY	ENERGY STAR Digital Set Top Receiver	Standard Digital Set Top Receiver	Per Unit	Existing	164.69	5	$ 12	100%	4,043
Manufacture	Set Top Box	Digital Set Top Receiver - ENERGY	ENERGY STAR Digital Set Top Receiver	Standard Digital Set Top Receiver	Per Unit	New	164.69	5	$ 12	100%	309
Manufacture	Set Top Box	Digital Set Top Receiver - Standard	Standard Digital Set Top Receiver	Standard Digital Set Top Receiver	Per Unit	Existing	-	5	$ -	100%	-
Manufacture	Set Top Box	Digital Set Top Receiver - Standard	Standard Digital Set Top Receiver	Standard Digital Set Top Receiver	Per Unit	New	-	5	$ -	100%	-
Manufacture	Television	TV - ENERGY STAR	ENERGY STAR TV	Standard TV	Per Unit	Existing	118.67	5	$ 55	100%	-
Manufacture	Television	TV - ENERGY STAR	ENERGY STAR TV	Standard TV	Per Unit	New	118.67	5	$ 55	100%	-
Manufacture	Television	TV - Standard	Standard TV	Standard TV	Per Unit	Existing	-	5	$ -	100%	-
Manufacture	Television	TV - Standard	Standard TV	Standard TV	Per Unit	New	-	5	$ -	100%	-
Manufacture	Ventilation	ECM Motor - Air	Air Conditioner/Electric/Gas Furnace ECM Fan	Standard Motor	Per ECM	Existing	394.71	15	$ 200	62%	7,195
Manufacture	Ventilation	ECM Motor - Air	Air Conditioner/Electric/Gas Furnace ECM Fan	Standard Motor	Per ECM	New	338.64	15	$ 200	90%	628
Manufacture	Ventilation	Motor - Standard	Standard Motor - Ventilation And Circulation	Standard Motor	Per Household	Existing	-	20	$ -	100%	-
Manufacture	Ventilation	Motor - Standard	Standard Motor - Ventilation And Circulation	Standard Motor	Per Household	New	-	20	$ -	100%	-
Manufacture	Water Heat	Clothes Washer	Clothes Washer Enhanced Efficiency MEF = 3.1(	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	600.14	11	$ 790	83%	-
Manufacture	Water Heat	Clothes Washer	Clothes Washer Enhanced Efficiency MEF =	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	600.14	11	$ 790	83%	-
Manufacture	Water Heat	Clothes Washer	Clothes Washer CEE Tier 2 MEF = 2.2 and WF	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	432.02	11	$ 392	83%	-
Manufacture	Water Heat	Clothes Washer	Clothes Washer CEE Tier 2 MEF = 2.2 and WF	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	432.02	11	$ 392	83%	-
Manufacture	Water Heat	Clothes Washer	Clothes Washer CEE Tier 3 MEF = 2.4 and WF	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	480.28	11	$ 565	80%	-
Manufacture	Water Heat	Clothes Washer	Clothes Washer CEE Tier 3 MEF = 2.4 and WF	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	480.28	11	$ 565	80%	-
Manufacture	Water Heat	Clothes Washer	Clothes Washer ENERGY STAR MEF = 2.0 and	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	374.11	11	$ 135	81%	3,123
Manufacture	Water Heat	Clothes Washer	Clothes Washer ENERGY STAR MEF = 2.0 and	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	374.11	11	$ 135	81%	179
Manufacture	Water Heat	Clothes Washer	Steam Clothes Washer	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	600.43	11	$ 790	83%	-
Manufacture	Water Heat	Clothes Washer	Steam Clothes Washer	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	600.43	11	$ 790	83%	-

Manufacture	Water Heat	Desuperheaters - Air Conditioner	Add-on Desuperheaters to Air Conditioner	No Desuperheater	Per Desuperheater	Existing	325.09	10	$ 600	57%	-
Manufacture	Water Heat	Desuperheaters - Air Source Heat	Add-on Desuperheaters to Air Source Heat	No Desuperheater	Per Desuperheater	Existing	650.18	10	$ 600	0%	-
Manufacture	Water Heat	Desuperheaters - Ground Source Heat	Add-on Desuperheaters to Ground Source Heat	No Desuperheater	Per Desuperheater	Existing	650.18	10	$ 600	0%	-
Manufacture	Water Heat	Dishwasher	Dishwasher Enhanced Efficiency (EF 1.00) 200	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	Existing	155.00	11	$ 1,067	47%	-
Manufacture	Water Heat	Dishwasher	Dishwasher Enhanced Efficiency (EF 1.00) 200	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	New	155.00	11	$ 1,067	47%	-
Manufacture	Water Heat	Dishwasher	ENERGY STAR 295 kWh/yr and 4.25	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	Existing	60.00	11	$ 272	16%	-
Manufacture	Water Heat	Dishwasher	ENERGY STAR 295 kWh/yr and 4.25	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	New	60.00	11	$ 272	16%	-
Manufacture	Water Heat	Drain-Water Heat Recovery	Drain-Water Heat Recovery	No Drain Water Heat Recovery	Per Drain-Water Heat Recovery System	Existing	760.71	40	$ 936	19%	1,152
Manufacture	Water Heat	Drain-Water Heat Recovery	Drain-Water Heat Recovery	No Drain Water Heat Recovery	Per Drain-Water Heat Recovery System	New	716.02	40	$ 936	71%	237
Manufacture	Water Heat	Faucet Aerators	0.5 GPM	2.2 GPM (Federal Code)	Per Faucet Aerator	Existing	122.07	10	$ 2	85%	1,075
Manufacture	Water Heat	Faucet Aerators	0.5 GPM	2.2 GPM (Federal Code)	Per Faucet Aerator	New	116.26	10	$ 2	90%	62
Manufacture	Water Heat	Faucet Aerators	1.5 GPM	2.2 GPM (Federal Code)	Per Faucet Aerator	Existing	50.26	10	$ 1	26%	7
Manufacture	Water Heat	Faucet Aerators	1.5 GPM	2.2 GPM (Federal Code)	Per Faucet Aerator	New	47.87	10	$ 1	28%	-
Manufacture	Water Heat	Faucet Aerators	2.0 GPM	2.2 GPM (Federal Code)	Per Faucet Aerator	Existing	14.36	10	$ 1	14%	-
Manufacture	Water Heat	Faucet Aerators	2.0 GPM	2.2 GPM (Federal Code)	Per Faucet Aerator	New	13.68	10	$ 1	15%	-
Manufacture	Water Heat	Faucet Aerators	2.2 GPM (Federal Code)	Existing Faucet Aerator GPM	Per Faucet Aerator	Existing	57.45	10	$ 3	9%	54
Manufacture	Water Heat	Low-Flow Showerheads	1.5 GPM - Showerhead	2.5 GPM (Federal Code)	Per Showerhead	Existing	287.51	10	$ 8	80%	2,390
Manufacture	Water Heat	Low-Flow Showerheads	1.5 GPM - Showerhead	2.5 GPM (Federal Code)	Per Showerhead	New	273.82	10	$ 8	80%	131
Manufacture	Water Heat	Low-Flow Showerheads	2.0 GPM - Showerhead	2.5 GPM (Federal Code)	Per Showerhead	Existing	143.76	10	$ 13	38%	29
Manufacture	Water Heat	Low-Flow Showerheads	2.0 GPM - Showerhead	2.5 GPM (Federal Code)	Per Showerhead	New	136.91	10	$ 13	38%	2
Manufacture	Water Heat	Low-Flow Showerheads	2.5 GPM (Federal Code)	Existing Showerhead GPM	Per Showerhead	Existing	143.76	10	$ 24	23%	347
Manufacture	Water Heat	Solar Hot Water (SHW)	Solar Thermal Collector	Standard Storage Hot Water Heater	Per Solar Water System	Existing	1,625.46	15	$ 6,238	15%	-
Manufacture	Water Heat	Solar Hot Water (SHW)	Solar Thermal Collector	Standard Storage Hot Water Heater	Per Solar Water System	New	1,529.95	15	$ 4,878	15%	-
Manufacture	Water Heat	Water Heater - Below Standard	EF = 0.88 Below Standard Water Heater	EF = 0.88 Below Standard Water Heater	Per Unit	Existing	-	7	$ -	100%	-
Manufacture	Water Heat	Water Heater - Below Standard	EF = 0.88 Below Standard Water Heater	EF = 0.88 Below Standard Water Heater	Per Unit	New	-	7	$ -	100%	-
Manufacture	Water Heat	Water Heater - Heat Pump	Heat Pump Water Heater ENERGY STAR EF =	EF = 0.92 Federal Standard 2001	Per Unit	Existing	1,742.30	13	$ 1,281	60%	6,183
Manufacture	Water Heat	Water Heater - Heat Pump	Heat Pump Water Heater ENERGY STAR EF =	EF = 0.92 Federal Standard 2001	Per Unit	New	1,659.34	13	$ 1,281	60%	547
Manufacture	Water Heat	Water Heater - Pipe Insulation	Hot Water Pipe Insulation (R-4)	No Pipe Insulation	Per Pipe Insulation	Existing	69.31	13	$ 6	14%	89
Manufacture	Water Heat	Water Heater - Pipe Insulation	Hot Water Pipe Insulation (R-4)	No Pipe Insulation	Per Pipe Insulation	New	69.31	13	$ 6	20%	7
Manufacture	Water Heat	Water Heater - Storage 2001 Standard	EF = 0.92 Federal Standard 2001	EF = 0.92 Federal Standard 2001	Per Unit	Existing	-	13	$ -	100%	-
Manufacture	Water Heat	Water Heater - Storage 2001 Standard	EF = 0.92 Federal Standard 2001	EF = 0.92 Federal Standard 2001	Per Unit	New	-	13	$ -	100%	-
Manufacture	Water Heat	Water Heater - Storage 2015 Standard	Water Heater - Storage Federal Standard April	EF = 0.92 Federal Standard 2001	Per Unit	Existing	104.56	13	$ 43	100%	-
Manufacture	Water Heat	Water Heater - Storage 2015 Standard	Water Heater - Storage Federal Standard April	EF = 0.92 Federal Standard 2001	Per Unit	New	99.58	13	$ 43	100%	-
Manufacture	Water Heat	Water Heater - Tank Blanket/Insulation	Install Insulation (R-11)	No Tank Insulation	Per Tank Wrap	Existing	211.31	13	$ 18	17%	333
Manufacture	Water Heat	Water Heater - Tankless	Tankless EF= 0.98	EF = 0.92 Federal Standard 2001	Per Unit	Existing	206.22	20	$ 261	0%	-
Manufacture	Water Heat	Water Heater - Tankless	Tankless EF= 0.98	EF = 0.92 Federal Standard 2001	Per Unit	New	196.40	20	$ 261	0%	-
Manufacture	Water Heat	Water Heater - Thermostat Setback	120 Degrees	135 Degrees	Per Set-Back	Existing	621.19	4	$ 10	5%	288
Manufacture	Water Heat	Water Heater - Thermostat Setback	120 Degrees	135 Degrees	Per Set-Back	New	584.69	4	$ 10	5%	16
Multi Family	Computer	Computer - Home Office ENERGY	ENERGY STAR Office Computer	Standard Office Computer	Per Unit	Existing	76.64	4	$ 9	100%	1,640
Multi Family	Computer	Computer - Home Office ENERGY	ENERGY STAR Office Computer	Standard Office Computer	Per Unit	New	76.64	4	$ 9	100%	118
Multi Family	Computer	Computer - Home Office Standard	Standard Office Computer	Standard Office Computer	Per Unit	Existing	-	4	$ -	100%	-
Multi Family	Computer	Computer - Home Office Standard	Standard Office Computer	Standard Office Computer	Per Unit	New	-	4	$ -	100%	-
Multi Family	Cooking	Oven - Convection	Convection Oven	Standard Oven	Per Unit	Existing	102.21	19	$ 177	100%	-
Multi Family	Cooking	Oven - Convection	Convection Oven	Standard Oven	Per Unit	New	102.21	19	$ 177	100%	-
Multi Family	Cooking	Oven - Standard	Standard Oven	Standard Oven	Per Unit	Existing	-	19	$ -	100%	-
Multi Family	Cooking	Oven - Standard	Standard Oven	Standard Oven	Per Unit	New	-	19	$ -	100%	-
Multi Family	Cooking	Cooking Range - Standard	Standard Cooking Range	Standard Cooking Range	Per Unit	Existing	-	19	$ -	100%	-
Multi Family	Cooking	Cooking Range - Standard	Standard Cooking Range	Standard Cooking Range	Per Unit	New	-	19	$ -	100%	-
Multi Family	Cool Central	Attic Fan	Attic Fan For Summer Cooling	No Attic Fan with Central Cooling	Per Attic Fan	Existing	71.21	19	$ 249	82%	1,330
Multi Family	Cool Central	Central Air Conditioners - Below	Below Standard SEER 10	Below Standard SEER 10	Per Household	Existing	-	8	$ -	100%	-
Multi Family	Cool Central	Central Air Conditioners - Below	Below Standard SEER 10	Below Standard SEER 10	Per Household	New	-	8	$ -	100%	-
Multi Family	Cool Central	Central Air Conditioners - CEE Tier 2	CEE Tier 2 SEER/EER 15/12.5 (Split System)	Federal Standard 13 SEER	Per Household	Existing	160.00	15	$ 476	100%	-
Multi Family	Cool Central	Central Air Conditioners - CEE Tier 2	CEE Tier 2 SEER/EER 15/12.5 (Split System)	Federal Standard 13 SEER	Per Household	New	109.47	15	$ 476	100%	-
Multi Family	Cool Central	Central Air Conditioners - CEE Tier 3	CEE Tier 3 SEER/EER 16/13 (Split System)	Federal Standard 13 SEER	Per Household	Existing	225.00	15	$ 714	100%	2,924
Multi Family	Cool Central	Central Air Conditioners - CEE Tier 3	CEE Tier 3 SEER/EER 16/13 (Split System)	Federal Standard 13 SEER	Per Household	New	153.94	15	$ 714	100%	-
Multi Family	Cool Central	Central Air Conditioners - ENERGY	ENERGY STAR SEER/EER 14.5/12 (Split	Federal Standard 13 SEER	Per Household	Existing	124.14	15	$ 357	100%	-
Multi Family	Cool Central	Central Air Conditioners - ENERGY	ENERGY STAR SEER/EER 14.5/12 (Split	Federal Standard 13 SEER	Per Household	New	84.93	15	$ 357	100%	-
Multi Family	Cool Central	Central Air Conditioners - Enhanced	Enhanced SEER/EER 18/14 (Split System)	Federal Standard 13 SEER	Per Household	Existing	333.33	15	$ 1,192	100%	-
Multi Family	Cool Central	Central Air Conditioners - Enhanced	Enhanced SEER/EER 18/14 (Split System)	Federal Standard 13 SEER	Per Household	New	228.06	15	$ 1,192	100%	-
Multi Family	Cool Central	Central Air Conditioners - Standard	Federal Standard SEER 13	Federal Standard 13 SEER	Per Household	Existing	-	15	$ -	100%	-
Multi Family	Cool Central	Central Air Conditioners - Standard	Federal Standard SEER 13	Federal Standard 13 SEER	Per Household	New	-	15	$ -	100%	-
Multi Family	Cool Central	Cool Roofs	Lighter Colored Shingles (White)	Standard Roof Shingles	Per Roof SqFT	Existing	0.33	20	$ 0	21%	-
Multi Family	Cool Central	Cool Roofs	Lighter Colored Shingles (White)	Standard Roof Shingles	Per Roof SqFT	New	0.21	20	$ 0	21%	-

Multi Family	Cool Central	Doors	ENERGY STAR Door (R-4.8)	Standard Code Door (R-2.9)	Per Door SqFt	Existing	0.34	20	$	1	32%	50
Multi Family	Cool Central	Doors	ENERGY STAR Door (R-4.8)	Standard Code Door (R-2.9)	Per Door SqFt	New	0.25	20	$	1	32%	3
Multi Family	Cool Central	Doors	Thermal Door (R-10)	Standard Code Door (R-2.9)	Per Door SqFt	Existing	0.62	20	$	3	40%	110
Multi Family	Cool Central	Doors	Thermal Door (R-10)	Standard Code Door (R-2.9)	Per Door SqFt	New	0.44	20	$	3	40%	6
Multi Family	Cool Central	Duct Sealing	4 CFM/100sqft of CFA	8 CFM/100sqft of CFA	Per Duct Sealing Installation	New	40.82	18	$	333	54%	-
Multi Family	Cool Central	Duct Sealing	4 CFM/100sqft of CFA	Existing CFM/100sqft of CFA	Per Duct Sealing Installation	Existing	192.30	18	$	960	24%	867
Multi Family	Cool Central	Duct Sealing	8 CFM/100sqft of CFA	Existing CFM/100sqft of CFA	Per Duct Sealing Installation	Existing	128.20	18	$	587	54%	1,390
Multi Family	Cool Central	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof sqft	New	0.09	30	$	13	88%	-
Multi Family	Cool Central	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	Existing	128.20	11	$	612	15%	-
Multi Family	Cool Central	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	New	53.07	11	$	612	20%	-
Multi Family	Cool Central	Infiltration Reduction	4.0 ACH50	7.0 ACH50	Per Building SqFt	New	0.05	11	$	0	42%	42
Multi Family	Cool Central	Infiltration Reduction	4.0 ACH50	Existing Infiltration (10 ACH50)	Per Building SqFt	Existing	0.17	11	$	0	19%	766
Multi Family	Cool Central	Infiltration Reduction	7.0 ACH50	Existing Infiltration (10 ACH50)	Per Building SqFt	Existing	0.09	11	$	0	63%	1,265
Multi Family	Cool Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-38 (To Code Zone 5)	Average Existing Insulation (R-15.7)	Per Insulated SqFt	Existing	0.08	20	$	1	9%	120
Multi Family	Cool Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (To Code Zone 6)	Average Existing Insulation (R-15.7)	Per Insulated SqFt	Existing	0.09	20	$	1	9%	140
Multi Family	Cool Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (Zone 5)	Code Insulation R-38 (Zone 5)	Per Insulated SqFt	Existing	0.01	20	$	0	16%	-
Multi Family	Cool Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (Zone 5)	Code Insulation R-38 (Zone 5)	Per Insulated SqFt	New	0.01	20	$	0	16%	-
Multi Family	Cool Central	Insulation - Basement Wall	Insulation Basement Wall (R-10 Zone 5)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	-	20	$	1	7%	-
Multi Family	Cool Central	Insulation - Basement Wall	Insulation Basement Wall (R-15 Zone 6)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	-	20	$	1	14%	-
Multi Family	Cool Central	Insulation - Duct	Insulation Duct (R-8)	No Duct Insulation	Per Duct Insulation Installation	Existing	40.38	20	$	375	71%	-
Multi Family	Cool Central	Insulation - Floor	Insulation Floor (R-30)	Average Existing Insulation (R-1.8)	Per Insulated SqFt	Existing	-	20	$	1	57%	-
Multi Family	Cool Central	Insulation - Rim/Band Joist	Insulation Rim and Band Joist (R-10)	No Rim And Band Joist Insulation	Per Insulated SqFt	Existing	0.14	20	$	1	8%	27
Multi Family	Cool Central	Insulation - Siding	Vinyl Siding with Foam Backing (R-3)	No Siding Insulation	Per Insulated SqFt	Existing	0.12	20	$	1	14%	176
Multi Family	Cool Central	Insulation - Slab	Insulation Slab (R-15, 4ft)	Code Insulation (R-10, 4ft)	Per Insulated SqFt	New	-	20	$	0	26%	-
Multi Family	Cool Central	Insulation - Wall	Insulation Wall (R-13)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	0.24	20	$	1	3%	56
Multi Family	Cool Central	Insulation - Wall	Insulation Wall (R-20 or R-13 w/ R-5 sheathing)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	0.29	20	$	1	1%	22
Multi Family	Cool Central	Insulation - Wall	Insulation Wall (R-21 + R-5 sheathing)	Code Insulation (R-20 or R-13 w/ R-5	Per Insulated SqFt	New	0.01	20	$	0	90%	11
Multi Family	Cool Central	Quality Install CAC	Quality Installation (QI)	Standard Installation	Per QI Install	Existing	134.61	5	$	300	45%	-
Multi Family	Cool Central	Quality Install CAC	Quality Installation (QI)	Standard Installation	Per QI Install	New	85.73	5	$	300	45%	-
Multi Family	Cool Central	Radiant Barrier (Ceiling)	Radiant Barrier (Ceiling)	No Radiant Barrier	Per Radiant Barrier Install	Existing	130.87	30	$	675	49%	1,096
Multi Family	Cool Central	Radiant Barrier (Ceiling)	Radiant Barrier (Ceiling)	No Radiant Barrier	Per Radiant Barrier Install	New	83.34	30	$	480	82%	120
Multi Family	Cool Central	Solar Attic Fan	Solar Electric Attic Ventilation	Standard Passive Ventilation	Per Solar Fan	Existing	76.92	19	$	331	10%	173
Multi Family	Cool Central	Solar Attic Fan	Solar Electric Attic Ventilation	Standard Passive Ventilation	Per Solar Fan	New	48.99	19	$	331	10%	-
Multi Family	Cool Central	Thermostat - Multi-Zone	Individual Room Temperature Control for Major	Programmable Thermostat - Central Control	Per Programmable Control System	New	55.52	11	$	895	62%	-
Multi Family	Cool Central	Thermostat - Programmable	Setback Thermostat 5-1-1, 5-2 or 7-Day	Manual Thermostat	Per Programmable Control	Existing	44.87	15	$	33	48%	265
Multi Family	Cool Central	Thermostat - WiFi Programmable	WiFi Programmable Thermostat	Programmable Thermostat - Central Control	Per Programmable Control	Existing	45.00	15	$	167	50%	460
Multi Family	Cool Central	Thermostat - WiFi Programmable	WiFi Programmable Thermostat	Programmable Thermostat - Central Control	Per Programmable Control	New	28.66	15	$	167	62%	32
Multi Family	Cool Central	Tune-up - Air Conditioner	Air Conditioner Maintenance (Tune-up)	Unmaintained Air Conditioner	Per Tune-up	Existing	96.15	5	$	200	71%	-
Multi Family	Cool Central	Whole-House Fan	Whole-House Fan to Offset Central Cooling	No Whole-House Fan	Per House Fan	Existing	192.30	20	$	366	10%	422
Multi Family	Cool Central	Whole-House Fan	Whole-House Fan to Offset Central Cooling	No Whole-House Fan	Per House Fan	New	122.47	20	$	366	10%	22
Multi Family	Cool Central	Window - Film	Window Film (SHGC Reduction=45%)	No Window Film	Per Window SqFt	Existing	0.95	10	$	5	76%	-
Multi Family	Cool Central	Window - Shade	Window Shade/Blind or Thermal Drapes	No Interior Shading Device	Per Window SqFt	Existing	0.64	3	$	7	38%	-
Multi Family	Cool Central	Window - Upgrade	Code Window U-Factor = 0.35 (2009 IECC)	Existing Windows U-Factor	Per Window SqFt	Existing	0.45	20	$	19	24%	-
Multi Family	Cool Central	Window - Upgrade	ENERGY STAR U-Factor = 0.30	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	Existing	0.13	20	$	3	73%	-
Multi Family	Cool Central	Window - Upgrade	ENERGY STAR U-Factor = 0.30	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	New	0.09	20	$	3	82%	-
Multi Family	Cool Central	Window - Upgrade	Smart Window U-Factor = 0.22	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	Existing	0.33	20	$	28	61%	-
Multi Family	Cool Central	Window - Upgrade	Smart Window U-Factor = 0.22	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	New	0.23	20	$	28	68%	-
Multi Family	Cool Room	Cool Roofs	Lighter Colored Shingles (White)	Standard Roof Shingles	Per Roof SqFT	Existing	0.07	20	$	0	21%	-
Multi Family	Cool Room	Cool Roofs	Lighter Colored Shingles (White)	Standard Roof Shingles	Per Roof SqFT	New	0.07	20	$	0	21%	-
Multi Family	Cool Room	Doors	ENERGY STAR Door (R-4.8)	Standard Code Door (R-2.9)	Per Door SqFt	Existing	0.10	20	$	1	32%	4
Multi Family	Cool Room	Doors	ENERGY STAR Door (R-4.8)	Standard Code Door (R-2.9)	Per Door SqFt	New	0.09	20	$	1	32%	0
Multi Family	Cool Room	Doors	Thermal Door (R-10)	Standard Code Door (R-2.9)	Per Door SqFt	Existing	0.17	20	$	3	40%	9
Multi Family	Cool Room	Doors	Thermal Door (R-10)	Standard Code Door (R-2.9)	Per Door SqFt	New	0.16	20	$	3	40%	1
Multi Family	Cool Room	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof sqft	New	0.02	30	$	13	88%	-
Multi Family	Cool Room	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	Existing	36.29	11	$	612	15%	-
Multi Family	Cool Room	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	New	23.59	11	$	612	20%	-
Multi Family	Cool Room	Infiltration Reduction	4.0 ACH50	7.0 ACH50	Per Building SqFt	New	0.02	11	$	0	42%	-
Multi Family	Cool Room	Infiltration Reduction	4.0 ACH50	Existing Infiltration (10 ACH50)	Per Building SqFt	Existing	0.05	11	$	0	19%	61
Multi Family	Cool Room	Infiltration Reduction	7.0 ACH50	Existing Infiltration (10 ACH50)	Per Building SqFt	Existing	0.02	11	$	0	63%	101
Multi Family	Cool Room	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-38 (To Code Zone 5)	Average Existing Insulation (R-15.7)	Per Insulated SqFt	Existing	0.02	20	$	1	9%	-
Multi Family	Cool Room	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (To Code Zone 6)	Average Existing Insulation (R-15.7)	Per Insulated SqFt	Existing	0.03	20	$	1	9%	-
Multi Family	Cool Room	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (Zone 5)	Code Insulation R-38 (Zone 5)	Per Insulated SqFt	Existing	0.00	20	$	0	16%	-
Multi Family	Cool Room	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (Zone 5)	Code Insulation R-38 (Zone 5)	Per Insulated SqFt	New	0.00	20	$	0	16%	-

Multi Family	Cool Room	Insulation - Basement Wall	Insulation Basement Wall (R-10 Zone 5)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	-	20	$ 1	7%	-
Multi Family	Cool Room	Insulation - Basement Wall	Insulation Basement Wall (R-15 Zone 6)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	-	20	$ 1	14%	-
Multi Family	Cool Room	Insulation - Floor	Insulation Floor (R-30)	Average Existing Insulation (R-1.8)	Per Insulated SqFt	Existing	-	20	$ 1	57%	-
Multi Family	Cool Room	Insulation - Rim/Band Joist	Insulation Rim and Band Joist (R-10)	No Rim And Band Joist Insulation	Per Insulated SqFt	Existing	0.04	20	$ 1	8%	2
Multi Family	Cool Room	Insulation - Siding	Vinyl Siding with Foam Backing (R-3)	No Siding Insulation	Per Insulated SqFt	Existing	0.03	20	$ 1	14%	14
Multi Family	Cool Room	Insulation - Slab	Insulation Slab (R-15, 4ft)	Code Insulation (R-10, 4ft)	Per Insulated SqFt	New	-	20	$ 0	26%	-
Multi Family	Cool Room	Insulation - Wall	Insulation Wall (R-13)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	0.07	20	$ 1	3%	4
Multi Family	Cool Room	Insulation - Wall	Insulation Wall (R-20 or R-13 w/ R-5 sheathing)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	0.08	20	$ 1	1%	2
Multi Family	Cool Room	Insulation - Wall	Insulation Wall (R-21 + R-5 sheathing)	Code Insulation (R-20 or R-13 w/ R-5	Per Insulated SqFt	New	0.01	20	$ 0	90%	1
Multi Family	Cool Room	Radiant Barrier (Ceiling)	Radiant Barrier (Ceiling)	No Radiant Barrier	Per Radiant Barrier Install	Existing	37.04	30	$ 675	49%	-
Multi Family	Cool Room	Radiant Barrier (Ceiling)	Radiant Barrier (Ceiling)	No Radiant Barrier	Per Radiant Barrier Install	New	37.04	30	$ 480	82%	-
Multi Family	Cool Room	Removal of Secondary Window Air	Proper Disposal of Window Air Conditioner Unit	Existing Non-Efficient Window Air Conditioner	Per Recyled Unit	Existing	378.84	3	$ 30	20%	618
Multi Family	Cool Room	Room AC - Below Standard	Below Standard 7.7 EER; 8,000-13,999 Btu	Below Standard 7.7 EER; 8,000-13,999 Btu	Per Unit	Existing	-	5	$ -	100%	-
Multi Family	Cool Room	Room AC - Below Standard	Below Standard 7.7 EER; 8,000-13,999 Btu	Below Standard 7.7 EER; 8,000-13,999 Btu	Per Unit	New	-	5	$ -	100%	-
Multi Family	Cool Room	Room AC - CEE Tier 1	CEE TIER 1 = 11.3 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Unit	Existing	39.51	9	$ 309	100%	-
Multi Family	Cool Room	Room AC - CEE Tier 1	CEE TIER 1 = 11.3 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Unit	New	39.51	9	$ 309	100%	-
Multi Family	Cool Room	Room AC - CEE Tier 2	CEE TIER 2 = 11.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Unit	Existing	50.45	9	$ 575	100%	-
Multi Family	Cool Room	Room AC - CEE Tier 2	CEE TIER 2 = 11.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Unit	New	50.45	9	$ 575	100%	-
Multi Family	Cool Room	Room AC - ENERGY STAR	ENERGY STAR = 10.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Unit	Existing	27.56	9	$ 42	100%	169
Multi Family	Cool Room	Room AC - ENERGY STAR	ENERGY STAR = 10.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Unit	New	27.56	9	$ 42	100%	19
Multi Family	Cool Room	Room AC - Standard	Federal Standard 9.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Unit	Existing	-	9	$ -	100%	-
Multi Family	Cool Room	Room AC - Standard	Federal Standard 9.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Unit	New	-	9	$ -	100%	-
Multi Family	Cool Room	Window - Film	Window Film (SHGC Reduction=45%)	No Window Film	Per Window SqFt	Existing	0.27	10	$ 5	76%	-
Multi Family	Cool Room	Window - Shade	Window Shade/Blind or Thermal Drapes	No Interior Shading Device	Per Window SqFt	Existing	0.18	3	$ 7	38%	-
Multi Family	Cool Room	Window - Upgrade	Code Window U-Factor = 0.35 (2009 IECC)	Existing Windows U-Factor	Per Window SqFt	Existing	0.13	20	$ 19	24%	-
Multi Family	Cool Room	Window - Upgrade	ENERGY STAR U-Factor = 0.30	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	Existing	0.04	20	$ 3	73%	-
Multi Family	Cool Room	Window - Upgrade	ENERGY STAR U-Factor = 0.30	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	New	0.03	20	$ 3	82%	-
Multi Family	Cool Room	Window - Upgrade	Smart Window U-Factor = 0.22	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	Existing	0.09	20	$ 28	61%	-
Multi Family	Cool Room	Window - Upgrade	Smart Window U-Factor = 0.22	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	New	0.08	20	$ 28	68%	-
Multi Family	Copier	Copier - Standard	Standard Copier	Standard Copier	Per Unit	Existing	-	6	$ -	100%	-
Multi Family	Copier	Copier - Standard	Standard Copier	Standard Copier	Per Unit	New	-	6	$ -	100%	-
Multi Family	Copier	Copiers - Home Office ENERGY STAR	ENERGY STAR Office Copiers	Standard Copier	Per Unit	Existing	73.00	6	$ 1,505	100%	-
Multi Family	Copier	Copiers - Home Office ENERGY STAR	ENERGY STAR Office Copiers	Standard Copier	Per Unit	New	73.00	6	$ 1,505	100%	-
Multi Family	Dehumidifier	Dehumidifier - Standard	Standard Dehumidifier	Standard Dehumidifier	Per Unit	Existing	-	12	$ -	100%	-
Multi Family	Dehumidifier	Dehumidifier - Standard	Standard Dehumidifier	Standard Dehumidifier	Per Unit	New	-	12	$ -	100%	-
Multi Family	Dehumidifier	Dehumidifiers - ENERGY STAR	ENERGY STAR Dehumidifiers	Standard Dehumidifier	Per Unit	Existing	117.37	12	$ 34	100%	1,164
Multi Family	Dehumidifier	Dehumidifiers - ENERGY STAR	ENERGY STAR Dehumidifiers	Standard Dehumidifier	Per Unit	New	117.37	12	$ 34	100%	137
Multi Family	Dryer	Clothes Dryer - Moisture Sensor	Clothes Dryer w/ Moisture Sensor	Standard Dryer without Moisture Sensor	Per Unit	Existing	107.53	11	$ 137	100%	-
Multi Family	Dryer	Clothes Dryer - Moisture Sensor	Clothes Dryer w/ Moisture Sensor	Standard Dryer without Moisture Sensor	Per Unit	New	107.53	11	$ 137	100%	-
Multi Family	Dryer	Clothes Dryer - Standard without	Standard Dryer without Moisture Sensor	Standard Dryer without Moisture Sensor	Per Unit	Existing	-	11	$ -	100%	-
Multi Family	Dryer	Clothes Dryer - Standard without	Standard Dryer without Moisture Sensor	Standard Dryer without Moisture Sensor	Per Unit	New	-	11	$ -	100%	-
Multi Family	Dryer	Clothes Dryer - Steam	Steam Clothes Dryer	Standard Dryer without Moisture Sensor	Per Unit	Existing	107.53	11	$ 372	98%	-
Multi Family	Dryer	Clothes Dryer - Steam	Steam Clothes Dryer	Standard Dryer without Moisture Sensor	Per Unit	New	107.53	11	$ 372	98%	-
Multi Family	Freezer	Freezer - Below Standard	Below Standard Freezer	Below Standard Freezer	Per Unit	Existing	-	6	$ -	100%	-
Multi Family	Freezer	Freezer - Below Standard	Below Standard Freezer	Below Standard Freezer	Per Unit	New	-	6	$ -	100%	-
Multi Family	Freezer	Freezer - ENERGY STAR	ENERGY STAR Freezer	Standard Freezer - Federal Standard 2001	Per Unit	Existing	55.83	12	$ 75	100%	-
Multi Family	Freezer	Freezer - ENERGY STAR	ENERGY STAR Freezer	Standard Freezer - Federal Standard 2001	Per Unit	New	55.83	12	$ 75	100%	-
Multi Family	Freezer	Freezer - Federal Standard September	Standard Freezer - Federal Standard 2014	Standard Freezer - Federal Standard 2001	Per Unit	Existing	159.48	12	$ 214	100%	-
Multi Family	Freezer	Freezer - Federal Standard September	Standard Freezer - Federal Standard 2014	Standard Freezer - Federal Standard 2001	Per Unit	New	159.48	12	$ 214	100%	-
Multi Family	Freezer	Freezer - Standard 2001	Standard Freezer - Federal Standard 2001	Standard Freezer - Federal Standard 2001	Per Unit	Existing	-	12	$ -	100%	-
Multi Family	Freezer	Freezer - Standard 2001	Standard Freezer - Federal Standard 2001	Standard Freezer - Federal Standard 2001	Per Unit	New	-	12	$ -	100%	-
Multi Family	Freezer	Removal of Secondary Stand-Alone	Proper Disposal of Stand-Alone Freezer	Existing Non-Efficient Stand-Alone Freezer	Per Recyled Unit	Existing	916.00	5	$ 30	10%	564
Multi Family	Heat Central	Central Heat - Standard	Standard Central Heat	Standard Central Heat	Per Household	Existing	-	10	$ -	100%	-
Multi Family	Heat Central	Central Heat - Standard	Standard Central Heat	Standard Central Heat	Per Household	New	-	10	$ -	100%	-
Multi Family	Heat Central	Doors	ENERGY STAR Door (R-4.8)	Standard Code Door (R-2.9)	Per Door SqFt	Existing	6.18	20	$ 1	32%	245
Multi Family	Heat Central	Doors	ENERGY STAR Door (R-4.8)	Standard Code Door (R-2.9)	Per Door SqFt	New	6.18	20	$ 1	32%	17
Multi Family	Heat Central	Doors	Thermal Door (R-10)	Standard Code Door (R-2.9)	Per Door SqFt	Existing	11.08	20	$ 3	40%	495
Multi Family	Heat Central	Doors	Thermal Door (R-10)	Standard Code Door (R-2.9)	Per Door SqFt	New	11.08	20	$ 3	40%	37
Multi Family	Heat Central	Duct Sealing	4 CFM/100sqft of CFA	Existing CFM/100sqft of CFA	Per Duct Sealing Installation	Existing	1,284.15	18	$ 960	18%	899
Multi Family	Heat Central	Duct Sealing	8 CFM/100sqft of CFA	Existing CFM/100sqft of CFA	Per Duct Sealing Installation	Existing	856.10	18	$ 587	25%	861
Multi Family	Heat Central	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof sqft	New	0.16	30	$ 13	88%	-
Multi Family	Heat Central	Heat Exchanger - Air-to-Air	Air-to-Air Heat Exchanger	No Air-to-Air Heat Exchanger	Per Heat Exchanger	Existing	1,712.20	18	$ 1,085	56%	5,031
Multi Family	Heat Central	Heat Exchanger - Air-to-Air	Air-to-Air Heat Exchanger	No Air-to-Air Heat Exchanger	Per Heat Exchanger	New	1,191.80	18	$ 1,085	56%	-

Multi Family	Heat Central	Heat Pump - Ductless Mini-Split	ENERGY STAR 14.5 SEER, 8.2 HSPF	Electric Baseboard Heating	Per Ductless Heat Pump	Existing	2,603.73	15	$ 2,728	38%	-
Multi Family	Heat Central	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	Existing	856.10	11	$ 612	15%	-
Multi Family	Heat Central	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	New	387.34	11	$ 612	20%	-
Multi Family	Heat Central	Infiltration Reduction	4.0 ACH50	7.0 ACH50	Per Building SqFt	New	0.40	11	$ 0	42%	-
Multi Family	Heat Central	Infiltration Reduction	4.0 ACH50	Existing Infiltration (10 ACH50)	Per Building SqFt	Existing	1.14	11	$ 0	19%	1,017
Multi Family	Heat Central	Infiltration Reduction	7.0 ACH50	Existing Infiltration (10 ACH50)	Per Building SqFt	Existing	0.57	11	$ 0	63%	2,125
Multi Family	Heat Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-38 (To Code Zone 5)	Average Existing Insulation (R-15.7)	Per Insulated SqFt	Existing	1.46	20	$ 1	9%	695
Multi Family	Heat Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (To Code Zone 6)	Average Existing Insulation (R-15.7)	Per Insulated SqFt	Existing	1.70	20	$ 1	9%	654
Multi Family	Heat Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (Zone 5)	Code Insulation R-38 (Zone 5)	Per Insulated SqFt	Existing	0.25	20	$ 0	16%	-
Multi Family	Heat Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (Zone 5)	Code Insulation R-38 (Zone 5)	Per Insulated SqFt	New	0.25	20	$ 0	16%	-
Multi Family	Heat Central	Insulation - Basement Wall	Insulation Basement Wall (R-10 Zone 5)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	4.25	20	$ 1	7%	896
Multi Family	Heat Central	Insulation - Basement Wall	Insulation Basement Wall (R-15 Zone 6)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	4.93	20	$ 1	14%	2,213
Multi Family	Heat Central	Insulation - Duct	Insulation Duct (R-8)	No Duct Insulation	Per Duct Insulation Installation	Existing	363.84	20	$ 375	71%	-
Multi Family	Heat Central	Insulation - Floor	Insulation Floor (R-30)	Average Existing Insulation (R-1.8)	Per Insulated SqFt	Existing	1.24	20	$ 1	57%	3,122
Multi Family	Heat Central	Insulation - Rim/Band Joist	Insulation Rim and Band Joist (R-10)	No Rim And Band Joist Insulation	Per Insulated SqFt	Existing	2.54	20	$ 1	8%	143
Multi Family	Heat Central	Insulation - Siding	Vinyl Siding with Foam Backing (R-3)	No Siding Insulation	Per Insulated SqFt	Existing	2.21	20	$ 1	14%	852
Multi Family	Heat Central	Insulation - Slab	Insulation Slab (R-15, 4ft)	Code Insulation (R-10, 4ft)	Per Insulated SqFt	New	0.80	20	$ 0	26%	81
Multi Family	Heat Central	Insulation - Wall	Insulation Wall (R-13)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	4.38	20	$ 1	3%	259
Multi Family	Heat Central	Insulation - Wall	Insulation Wall (R-20 or R-13 w/ R-5 sheathing)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	5.13	20	$ 1	1%	101
Multi Family	Heat Central	Insulation - Wall	Insulation Wall (R-21 + R-5 sheathing)	Code Insulation (R-20 or R-13 w/ R-5	Per Insulated SqFt	New	0.37	20	$ 0	90%	65
Multi Family	Heat Central	Radiant Barrier (Ceiling)	Radiant Barrier (Ceiling)	No Radiant Barrier	Per Radiant Barrier Install	Existing	171.22	30	$ 675	49%	-
Multi Family	Heat Central	Radiant Barrier (Ceiling)	Radiant Barrier (Ceiling)	No Radiant Barrier	Per Radiant Barrier Install	New	119.18	30	$ 480	82%	-
Multi Family	Heat Central	Thermostat - Multi-Zone	Individual Room Temperature Control for Major	Programmable Thermostat - Central Control	Per Programmable Control System	New	405.21	11	$ 895	62%	-
Multi Family	Heat Central	Thermostat - Programmable	Setback Thermostat 5-1-1, 5-2 or 7-Day	Manual Thermostat	Per Programmable Control	Existing	299.64	15	$ 33	48%	480
Multi Family	Heat Central	Thermostat - WiFi Programmable	WiFi Programmable Thermostat	Programmable Thermostat - Central Control	Per Programmable Control	Existing	300.49	15	$ 167	50%	611
Multi Family	Heat Central	Thermostat - WiFi Programmable	WiFi Programmable Thermostat	Programmable Thermostat - Central Control	Per Programmable Control	New	209.16	15	$ 167	62%	-
Multi Family	Heat Central	Window - Upgrade	Code Window U-Factor = 0.35 (2009 IECC)	Existing Windows U-Factor	Per Window SqFt	Existing	8.15	20	$ 19	24%	-
Multi Family	Heat Central	Window - Upgrade	ENERGY STAR U-Factor = 0.30	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	Existing	2.26	20	$ 3	73%	-
Multi Family	Heat Central	Window - Upgrade	ENERGY STAR U-Factor = 0.30	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	New	2.26	20	$ 3	82%	-
Multi Family	Heat Central	Window - Upgrade	Smart Window U-Factor = 0.22	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	Existing	5.89	20	$ 28	61%	-
Multi Family	Heat Central	Window - Upgrade	Smart Window U-Factor = 0.22	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	New	5.89	20	$ 28	68%	-
Multi Family	Heat Pump	Attic Fan	Attic Fan For Summer Cooling	No Attic Fan with Central Cooling	Per Attic Fan	Existing	67.06	19	$ 249	82%	-
Multi Family	Heat Pump	Cool Roofs	Lighter Colored Shingles (White)	Standard Roof Shingles	Per Roof SqFT	Existing	0.06	20	$ 0	21%	-
Multi Family	Heat Pump	Cool Roofs	Lighter Colored Shingles (White)	Standard Roof Shingles	Per Roof SqFT	New	0.05	20	$ 0	21%	-
Multi Family	Heat Pump	Doors	ENERGY STAR Door (R-4.8)	Standard Code Door (R-2.9)	Per Door SqFt	Existing	3.27	20	$ 1	32%	-
Multi Family	Heat Pump	Doors	ENERGY STAR Door (R-4.8)	Standard Code Door (R-2.9)	Per Door SqFt	New	2.82	20	$ 1	32%	-
Multi Family	Heat Pump	Doors	Thermal Door (R-10)	Standard Code Door (R-2.9)	Per Door SqFt	Existing	5.87	20	$ 3	40%	-
Multi Family	Heat Pump	Doors	Thermal Door (R-10)	Standard Code Door (R-2.9)	Per Door SqFt	New	5.05	20	$ 3	40%	-
Multi Family	Heat Pump	Duct Sealing	4 CFM/100sqft of CFA	8 CFM/100sqft of CFA	Per Duct Sealing Installation	New	307.34	18	$ 333	54%	-
Multi Family	Heat Pump	Duct Sealing	4 CFM/100sqft of CFA	Existing CFM/100sqft of CFA	Per Duct Sealing Installation	Existing	1,132.14	18	$ 960	24%	-
Multi Family	Heat Pump	Duct Sealing	8 CFM/100sqft of CFA	Existing CFM/100sqft of CFA	Per Duct Sealing Installation	Existing	754.76	18	$ 587	54%	-
Multi Family	Heat Pump	ECM Motor - Air Source Heat Pump	Air Source Heat Pump ECM Fan	Standard Motor	Per ECM	Existing	280.25	15	$ 200	62%	-
Multi Family	Heat Pump	ECM Motor - Air Source Heat Pump	Air Source Heat Pump ECM Fan	Standard Motor	Per ECM	New	222.36	15	$ 200	90%	-
Multi Family	Heat Pump	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof sqft	New	0.24	30	$ 13	88%	-
Multi Family	Heat Pump	Heat Exchanger - Air-to-Air	Air-to-Air Heat Exchanger	No Air-to-Air Heat Exchanger	Per Heat Exchanger	Existing	1,509.52	18	$ 1,085	56%	-
Multi Family	Heat Pump	Heat Exchanger - Air-to-Air	Air-to-Air Heat Exchanger	No Air-to-Air Heat Exchanger	Per Heat Exchanger	New	1,229.35	18	$ 1,085	56%	-
Multi Family	Heat Pump	Heat Pump - Below Standard	Below Standard SEER 10 and HSPF 7.2	Below Standard SEER 10 and HSPF 7.2	Per Household	Existing	-	9	$ -	100%	-
Multi Family	Heat Pump	Heat Pump - Below Standard	Below Standard SEER 10 and HSPF 7.2	Below Standard SEER 10 and HSPF 7.2	Per Household	New	-	9	$ -	100%	-
Multi Family	Heat Pump	Heat Pump - CEE Tier 2	CEE Tier 2 SEER/EER 15/12.5 and HSPF 8.5	Federal Standard SEER 13 and HSPF 7.7	Per Household	Existing	701.55	18	$ 548	100%	-
Multi Family	Heat Pump	Heat Pump - CEE Tier 2	CEE Tier 2 SEER/EER 15/12.5 and HSPF 8.5	Federal Standard SEER 13 and HSPF 7.7	Per Household	New	567.35	18	$ 548	100%	-
Multi Family	Heat Pump	Heat Pump - ENERGY STAR	ENERGY STAR SEER/EER 14.5/12 and HSPF	Federal Standard SEER 13 and HSPF 7.7	Per Household	Existing	474.99	18	$ 411	100%	-
Multi Family	Heat Pump	Heat Pump - ENERGY STAR	ENERGY STAR SEER/EER 14.5/12 and HSPF	Federal Standard SEER 13 and HSPF 7.7	Per Household	New	381.58	18	$ 411	100%	-
Multi Family	Heat Pump	Heat Pump - Enhanced	Enhanced SEER/EER 16/13 and HSPF 9.0	Federal Standard SEER 13 and HSPF 7.7	Per Household	Existing	1,056.13	18	$ 822	100%	-
Multi Family	Heat Pump	Heat Pump - Enhanced	Enhanced SEER/EER 16/13 and HSPF 9.0	Federal Standard SEER 13 and HSPF 7.7	Per Household	New	856.66	18	$ 822	100%	-
Multi Family	Heat Pump	Heat Pump - Ground Source	GSHP ENERGY STAR EER 17.1 and 3.6 COP	Federal Standard SEER 13 and HSPF 7.7	Per Household	Existing	2,576.00	18	$ 6,658	25%	-
Multi Family	Heat Pump	Heat Pump - Ground Source	GSHP ENERGY STAR EER 17.1 and 3.6 COP	Federal Standard SEER 13 and HSPF 7.7	Per Household	New	2,108.94	18	$ 6,739	25%	-
Multi Family	Heat Pump	Heat Pump - Standard	Federal Standard SEER 13 and HSPF 7.7	Federal Standard SEER 13 and HSPF 7.7	Per Household	Existing	-	18	$ -	100%	-
Multi Family	Heat Pump	Heat Pump - Standard	Federal Standard SEER 13 and HSPF 7.7	Federal Standard SEER 13 and HSPF 7.7	Per Household	New	-	18	$ -	100%	-
Multi Family	Heat Pump	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	Existing	754.76	11	$ 612	15%	-
Multi Family	Heat Pump	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	New	399.54	11	$ 612	20%	-
Multi Family	Heat Pump	Infiltration Reduction	4.0 ACH50	7.0 ACH50	Per Building SqFt	New	0.41	11	$ 0	42%	-
Multi Family	Heat Pump	Infiltration Reduction	4.0 ACH50	Existing Infiltration (10 ACH50)	Per Building SqFt	Existing	1.00	11	$ 0	19%	-
Multi Family	Heat Pump	Infiltration Reduction	7.0 ACH50	Existing Infiltration (10 ACH50)	Per Building SqFt	Existing	0.50	11	$ 0	63%	-

Multi Family	Heat Pump	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-38 (To Code Zone 5)	Average Existing Insulation (R-15.7)	Per Insulated SqFt	Existing	0.77	20	$	1	9%	-
Multi Family	Heat Pump	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (To Code Zone 6)	Average Existing Insulation (R-15.7)	Per Insulated SqFt	Existing	0.90	20	$	1	9%	-
Multi Family	Heat Pump	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (Zone 5)	Code Insulation R-38 (Zone 5)	Per Insulated SqFt	Existing	0.13	20	$	0	17%	-
Multi Family	Heat Pump	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (Zone 5)	Code Insulation R-38 (Zone 5)	Per Insulated SqFt	New	0.11	20	$	0	17%	-
Multi Family	Heat Pump	Insulation - Basement Wall	Insulation Basement Wall (R-10 Zone 5)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	1.89	20	$	1	7%	-
Multi Family	Heat Pump	Insulation - Basement Wall	Insulation Basement Wall (R-15 Zone 6)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	2.20	20	$	1	14%	-
Multi Family	Heat Pump	Insulation - Duct	Insulation Duct (R-8)	No Duct Insulation	Per Duct Insulation Installation	Existing	307.49	20	$	375	71%	-
Multi Family	Heat Pump	Insulation - Floor	Insulation Floor (R-30)	Average Existing Insulation (R-1.8)	Per Insulated SqFt	Existing	0.66	20	$	1	57%	-
Multi Family	Heat Pump	Insulation - Rim/Band Joist	Insulation Rim and Band Joist (R-10)	No Rim And Band Joist Insulation	Per Insulated SqFt	Existing	1.34	20	$	1	8%	-
Multi Family	Heat Pump	Insulation - Siding	Vinyl Siding with Foam Backing (R-3)	No Siding Insulation	Per Insulated SqFt	Existing	1.17	20	$	1	14%	-
Multi Family	Heat Pump	Insulation - Slab	Insulation Slab (R-15, 4ft)	Code Insulation (R-10, 4ft)	Per Insulated SqFt	New	0.30	20	$	0	26%	-
Multi Family	Heat Pump	Insulation - Wall	Insulation Wall (R-13)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	2.32	20	$	1	3%	-
Multi Family	Heat Pump	Insulation - Wall	Insulation Wall (R-20 or R-13 w/ R-5 sheathing)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	2.72	20	$	1	1%	-
Multi Family	Heat Pump	Insulation - Wall	Insulation Wall (R-21 + R-5 sheathing)	Code Insulation (R-20 or R-13 w/ R-5	Per Insulated SqFt	New	0.17	20	$	0	90%	-
Multi Family	Heat Pump	Quality Install Heat Pump	Quality Installation (QI)	Standard Installation	Per QI Install	Existing	871.56	5	$	300	45%	-
Multi Family	Heat Pump	Quality Install Heat Pump	Quality Installation (QI)	Standard Installation	Per QI Install	New	709.80	5	$	300	45%	-
Multi Family	Heat Pump	Radiant Barrier (Ceiling)	Radiant Barrier (Ceiling)	No Radiant Barrier	Per Radiant Barrier Install	Existing	770.48	30	$	675	49%	-
Multi Family	Heat Pump	Radiant Barrier (Ceiling)	Radiant Barrier (Ceiling)	No Radiant Barrier	Per Radiant Barrier Install	New	627.48	30	$	480	82%	-
Multi Family	Heat Pump	Solar Attic Fan	Solar Electric Attic Ventilation	Standard Passive Ventilation	Per Solar Fan	Existing	72.43	19	$	331	10%	-
Multi Family	Heat Pump	Solar Attic Fan	Solar Electric Attic Ventilation	Standard Passive Ventilation	Per Solar Fan	New	58.99	19	$	331	10%	-
Multi Family	Heat Pump	Thermostat - Multi-Zone	Individual Room Temperature Control for Major	Programmable Thermostat - Central Control	Per Programmable Control System	New	417.98	11	$	895	62%	-
Multi Family	Heat Pump	Thermostat - Programmable	Setback Thermostat 5-1-1, 5-2 or 7-Day	Manual Thermostat	Per Programmable Control	Existing	264.17	15	$	33	48%	-
Multi Family	Heat Pump	Thermostat - WiFi Programmable	WiFi Programmable Thermostat	Programmable Thermostat - Central Control	Per Programmable Control	Existing	264.92	15	$	167	50%	-
Multi Family	Heat Pump	Thermostat - WiFi Programmable	WiFi Programmable Thermostat	Programmable Thermostat - Central Control	Per Programmable Control	New	215.75	15	$	167	62%	-
Multi Family	Heat Pump	Tune-up - Air Source Heat Pump	Air Source Heat Pump Maintenance (Tune-up)	Unmaintained Air Source Heat Pump	Per Tune-up	Existing	523.50	5	$	200	71%	-
Multi Family	Heat Pump	Tune-up - Ground Source Heat Pump	Ground Source Heat Pump Maintenance (Tune-	Unmaintained Ground Source Heat Pump	Per Tune-up	Existing	377.38	5	$	200	0%	-
Multi Family	Heat Pump	Whole-House Fan	Whole-House Fan to Offset Central Cooling	No Whole-House Fan	Per House Fan	Existing	181.08	20	$	366	10%	-
Multi Family	Heat Pump	Whole-House Fan	Whole-House Fan to Offset Central Cooling	No Whole-House Fan	Per House Fan	New	147.47	20	$	366	10%	-
Multi Family	Heat Pump	Window - Film	Window Film (SHGC Reduction=45%)	No Window Film	Per Window SqFt	Existing	0.90	10	$	5	76%	-
Multi Family	Heat Pump	Window - Shade	Window Shade/Blind or Thermal Drapes	No Interior Shading Device	Per Window SqFt	Existing	0.60	3	$	7	38%	-
Multi Family	Heat Pump	Window - Upgrade	Code Window U-Factor = 0.35 (2009 IECC)	Existing Windows U-Factor	Per Window SqFt	Existing	4.32	20	$	19	24%	-
Multi Family	Heat Pump	Window - Upgrade	ENERGY STAR U-Factor = 0.30	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	Existing	1.20	20	$	3	73%	-
Multi Family	Heat Pump	Window - Upgrade	ENERGY STAR U-Factor = 0.30	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	New	1.10	20	$	3	82%	-
Multi Family	Heat Pump	Window - Upgrade	Smart Window U-Factor = 0.22	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	Existing	3.12	20	$	28	61%	-
Multi Family	Heat Pump	Window - Upgrade	Smart Window U-Factor = 0.22	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	New	2.86	20	$	28	68%	-
Multi Family	Heat Room	Doors	ENERGY STAR Door (R-4.8)	Standard Code Door (R-2.9)	Per Door SqFt	Existing	1.54	20	$	1	32%	66
Multi Family	Heat Room	Doors	ENERGY STAR Door (R-4.8)	Standard Code Door (R-2.9)	Per Door SqFt	New	1.54	20	$	1	32%	5
Multi Family	Heat Room	Doors	Thermal Door (R-10)	Standard Code Door (R-2.9)	Per Door SqFt	Existing	2.77	20	$	3	40%	-
Multi Family	Heat Room	Doors	Thermal Door (R-10)	Standard Code Door (R-2.9)	Per Door SqFt	New	2.77	20	$	3	40%	-
Multi Family	Heat Room	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof sqft	New	0.04	30	$	13	88%	-
Multi Family	Heat Room	Heat Pump - Ductless Mini-Split	ENERGY STAR 14.5 SEER, 8.2 HSPF	Electric Baseboard Heating	Per Ductless Heat Pump	Existing	2,603.73	15	$	2,728	38%	-
Multi Family	Heat Room	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	Existing	659.20	11	$	612	15%	-
Multi Family	Heat Room	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	New	298.25	11	$	612	20%	-
Multi Family	Heat Room	Infiltration Reduction	4.0 ACH50	7.0 ACH50	Per Building SqFt	New	0.31	11	$	0	42%	-
Multi Family	Heat Room	Infiltration Reduction	4.0 ACH50	Existing Infiltration (10 ACH50)	Per Building SqFt	Existing	0.88	11	$	0	19%	-
Multi Family	Heat Room	Infiltration Reduction	7.0 ACH50	Existing Infiltration (10 ACH50)	Per Building SqFt	Existing	0.44	11	$	0	63%	2,076
Multi Family	Heat Room	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-38 (To Code Zone 5)	Average Existing Insulation (R-15.7)	Per Insulated SqFt	Existing	0.36	20	$	1	9%	-
Multi Family	Heat Room	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (To Code Zone 6)	Average Existing Insulation (R-15.7)	Per Insulated SqFt	Existing	0.43	20	$	1	9%	-
Multi Family	Heat Room	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (Zone 5)	Code Insulation R-38 (Zone 5)	Per Insulated SqFt	Existing	0.06	20	$	0	16%	-
Multi Family	Heat Room	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (Zone 5)	Code Insulation R-38 (Zone 5)	Per Insulated SqFt	New	0.06	20	$	0	16%	-
Multi Family	Heat Room	Insulation - Basement Wall	Insulation Basement Wall (R-10 Zone 5)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	1.06	20	$	1	7%	-
Multi Family	Heat Room	Insulation - Basement Wall	Insulation Basement Wall (R-15 Zone 6)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	1.23	20	$	1	14%	-
Multi Family	Heat Room	Insulation - Floor	Insulation Floor (R-30)	Average Existing Insulation (R-1.8)	Per Insulated SqFt	Existing	0.31	20	$	1	57%	-
Multi Family	Heat Room	Insulation - Rim/Band Joist	Insulation Rim and Band Joist (R-10)	No Rim And Band Joist Insulation	Per Insulated SqFt	Existing	0.63	20	$	1	8%	-
Multi Family	Heat Room	Insulation - Siding	Vinyl Siding with Foam Backing (R-3)	No Siding Insulation	Per Insulated SqFt	Existing	0.55	20	$	1	14%	-
Multi Family	Heat Room	Insulation - Slab	Insulation Slab (R-15, 4ft)	Code Insulation (R-10, 4ft)	Per Insulated SqFt	New	0.20	20	$	0	26%	-
Multi Family	Heat Room	Insulation - Wall	Insulation Wall (R-13)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	1.09	20	$	1	3%	-
Multi Family	Heat Room	Insulation - Wall	Insulation Wall (R-20 or R-13 w/ R-5 sheathing)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	1.28	20	$	1	1%	-
Multi Family	Heat Room	Insulation - Wall	Insulation Wall (R-21 + R-5 sheathing)	Code Insulation (R-20 or R-13 w/ R-5	Per Insulated SqFt	New	0.09	20	$	0	90%	-
Multi Family	Heat Room	Radiant Barrier (Ceiling)	Radiant Barrier (Ceiling)	No Radiant Barrier	Per Radiant Barrier Install	Existing	131.84	30	$	675	49%	-
Multi Family	Heat Room	Radiant Barrier (Ceiling)	Radiant Barrier (Ceiling)	No Radiant Barrier	Per Radiant Barrier Install	New	91.77	30	$	480	82%	-
Multi Family	Heat Room	Room Heat - Standard	Standard Room Heat	Standard Room Heat	Per Household	Existing	-	10	$	-	100%	-
Multi Family	Heat Room	Room Heat - Standard	Standard Room Heat	Standard Room Heat	Per Household	New	-	10	$	-	100%	-

Multi Family	Heat Room	Window - Upgrade	Code Window U-Factor = 0.35 (2009 IECC)	Existing Windows U-Factor	Per Window SqFt	Existing	2.04	20	$	19	24%	-
Multi Family	Heat Room	Window - Upgrade	ENERGY STAR U-Factor = 0.30	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	Existing	0.57	20	$	3	73%	-
Multi Family	Heat Room	Window - Upgrade	ENERGY STAR U-Factor = 0.30	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	New	0.57	20	$	3	82%	-
Multi Family	Heat Room	Window - Upgrade	Smart Window U-Factor = 0.22	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	Existing	1.47	20	$	28	61%	-
Multi Family	Heat Room	Window - Upgrade	Smart Window U-Factor = 0.22	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	New	1.47	20	$	28	68%	-
Multi Family	Home Audio	Home Audio System - ENERGY STAR	ENERGY STAR Home Audio System	Standard Home Audio System	Per Unit	Existing	22.00	7	$	20	100%	-
Multi Family	Home Audio	Home Audio System - ENERGY STAR	ENERGY STAR Home Audio System	Standard Home Audio System	Per Unit	New	22.00	7	$	20	100%	-
Multi Family	Home Audio	Home Audio System - Standard	Standard Home Audio System	Standard Home Audio System	Per Unit	Existing	-	7	$	-	100%	-
Multi Family	Home Audio	Home Audio System - Standard	Standard Home Audio System	Standard Home Audio System	Per Unit	New	-	7	$	-	100%	-
Multi Family	Lighting	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	Existing	11.27	11	$	612	15%	-
Multi Family	Lighting	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	New	11.27	11	$	612	20%	-
Multi Family	Lighting	Lighitng Controls - Daylighting Controls	Lighitng Controls - Daylighting Controls	No Daylighting Controls	Per Photocell Control	Existing	11.27	10	$	64	25%	-
Multi Family	Lighting	Lighitng Controls - Daylighting Controls	Lighitng Controls - Daylighting Controls	No Daylighting Controls	Per Photocell Control	New	11.27	10	$	64	25%	-
Multi Family	Lighting	Lighting - CFL	Exterior - CFL	EISA Standard	Per Lamp	Existing	35.65	3	$	4	100%	-
Multi Family	Lighting	Lighting - CFL	Exterior - CFL	EISA Standard	Per Lamp	New	35.65	3	$	4	100%	-
Multi Family	Lighting	Lighting - EISA Backstop	Exterior - EISA Backstop	EISA Standard	Per Lamp	Existing	32.76	2	$	-	100%	-
Multi Family	Lighting	Lighting - EISA Backstop	Exterior - EISA Backstop	EISA Standard	Per Lamp	New	32.76	2	$	-	100%	-
Multi Family	Lighting	Lighting - EISA Standard	Exterior - EISA Standard	EISA Standard	Per Lamp	Existing	-	2	$	-	100%	-
Multi Family	Lighting	Lighting - EISA Standard	Exterior - EISA Standard	EISA Standard	Per Lamp	New	-	2	$	-	100%	-
Multi Family	Lighting	Lighting - Incandescent	Exterior - Incandescent	Incandescent	Per Lamp	Existing	-	2	$	-	100%	-
Multi Family	Lighting	Lighting - Incandescent	Exterior - Incandescent	Incandescent	Per Lamp	New	-	2	$	-	100%	-
Multi Family	Lighting	Lighting - LED	Exterior - LED	EISA Standard	Per Lamp	Existing	51.25	12	$	37	100%	1,259
Multi Family	Lighting	Lighting - LED	Exterior - LED	EISA Standard	Per Lamp	New	51.25	12	$	37	100%	86
Multi Family	Lighting	LED Christmas Lighting	LED Christmas Lighting	Incandescent Christmas Lighting	Per LED String	Existing	6.08	5	$	19	82%	-
Multi Family	Lighting	LED Christmas Lighting	LED Christmas Lighting	Incandescent Christmas Lighting	Per LED String	New	6.08	5	$	19	82%	-
Multi Family	Lighting	Lighting - CFL	Interior Specialty - CFL	EISA Standard	Per Lamp	Existing	31.97	6	$	6	65%	4,428
Multi Family	Lighting	Lighting - CFL	Interior Specialty - CFL	EISA Standard	Per Lamp	New	31.97	6	$	6	65%	319
Multi Family	Lighting	Lighting - Incandescent	Interior Specialty - Incandescent	Incandescent	Per Lamp	Existing	-	2	$	-	100%	-
Multi Family	Lighting	Lighting - Incandescent	Interior Specialty - Incandescent	Incandescent	Per Lamp	New	-	2	$	-	100%	-
Multi Family	Lighting	Lighting - LED	Interior Specialty - LED	EISA Standard	Per Lamp	Existing	37.05	12	$	29	50%	7,505
Multi Family	Lighting	Lighting - LED	Interior Specialty - LED	EISA Standard	Per Lamp	New	37.05	12	$	29	50%	488
Multi Family	Lighting	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	Existing	55.22	11	$	612	15%	-
Multi Family	Lighting	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	New	55.22	11	$	612	20%	-
Multi Family	Lighting	Lighitng Controls - Daylighting Controls	Lighitng Controls - Daylighting Controls	No Daylighting Controls	Per Photocell Control	Existing	11.04	10	$	64	14%	-
Multi Family	Lighting	Lighitng Controls - Daylighting Controls	Lighitng Controls - Daylighting Controls	No Daylighting Controls	Per Photocell Control	New	11.04	10	$	64	14%	-
Multi Family	Lighting	Lighting - CFL	Interior Standard - CFL	EISA Standard	Per Lamp	Existing	15.93	5	$	(0)	100%	-
Multi Family	Lighting	Lighting - CFL	Interior Standard - CFL	EISA Standard	Per Lamp	New	15.93	5	$	(0)	100%	-
Multi Family	Lighting	Lighting - EISA Backstop	Interior Standard - EISA Backstop	EISA Standard	Per Lamp	Existing	14.49	2	$	-	100%	-
Multi Family	Lighting	Lighting - EISA Backstop	Interior Standard - EISA Backstop	EISA Standard	Per Lamp	New	14.49	2	$	-	100%	-
Multi Family	Lighting	Lighting - EISA Standard	Interior Standard - EISA Standard	EISA Standard	Per Lamp	Existing	-	2	$	-	100%	-
Multi Family	Lighting	Lighting - EISA Standard	Interior Standard - EISA Standard	EISA Standard	Per Lamp	New	-	2	$	-	100%	-
Multi Family	Lighting	Lighting - Incandescent	Interior Standard - Incandescent	Incandescent	Per Lamp	Existing	-	2	$	-	100%	-
Multi Family	Lighting	Lighting - Incandescent	Interior Standard - Incandescent	Incandescent	Per Lamp	New	-	2	$	-	100%	-
Multi Family	Lighting	Lighting - LED	Interior Standard - LED	EISA Standard	Per Lamp	Existing	22.66	12	$	25	100%	6,197
Multi Family	Lighting	Lighting - LED	Interior Standard - LED	EISA Standard	Per Lamp	New	22.66	12	$	25	100%	426
Multi Family	Lighting	Lighting Controls - Occupancy Sensors	Wall-Switch Occupancy Sensors	No Occupancy Sensor	Per Occupancy Sensor	Existing	20.71	10	$	57	17%	-
Multi Family	Lighting	Lighting Controls - Occupancy Sensors	Wall-Switch Occupancy Sensors	No Occupancy Sensor	Per Occupancy Sensor	New	20.71	10	$	57	17%	-
Multi Family	Microwave	Microwave - Standard	Standard Microwave	Standard Microwave	Per Unit	Existing	-	10	$	-	100%	-
Multi Family	Microwave	Microwave - Standard	Standard Microwave	Standard Microwave	Per Unit	New	-	10	$	-	100%	-
Multi Family	Monitor	Monitor - Home Office ENERGY STAR	ENERGY STAR Office Monitor	Standard Office Monitor	Per Unit	Existing	14.19	5	$	-	100%	-
Multi Family	Monitor	Monitor - Home Office ENERGY STAR	ENERGY STAR Office Monitor	Standard Office Monitor	Per Unit	New	14.19	5	$	-	100%	-
Multi Family	Monitor	Monitor - Home Office Standard	Standard Office Monitor	Standard Office Monitor	Per Unit	Existing	-	5	$	-	100%	-
Multi Family	Monitor	Monitor - Home Office Standard	Standard Office Monitor	Standard Office Monitor	Per Unit	New	-	5	$	-	100%	-
Multi Family	Other Plug	DVD System - ENERGY STAR	ENERGY STAR DVD System	Standard DVD System	Per Unit	Existing	18.54	3	$	1	100%	524
Multi Family	Other Plug	DVD System - ENERGY STAR	ENERGY STAR DVD System	Standard DVD System	Per Unit	New	18.54	3	$	1	100%	36
Multi Family	Other Plug	DVD System - Standard	Standard DVD System	Standard DVD System	Per Unit	Existing	-	3	$	-	100%	-
Multi Family	Other Plug	DVD System - Standard	Standard DVD System	Standard DVD System	Per Unit	New	-	3	$	-	100%	-
Multi Family	Plug Load	Battery Chargers	Energy Star Battery Chargers	Standard Battery Chargers	Per Battary Charger	Existing	12.16	3	$	5	36%	-
Multi Family	Plug Load	Battery Chargers	Energy Star Battery Chargers	Standard Battery Chargers	Per Battary Charger	New	12.16	3	$	5	36%	-
Multi Family	Plug Load	Ceiling Fans	ENERGY STAR Ceiling Fans with Light Kit	Standard Ceiling Fan	Per Ceiling Fan	Existing	65.65	10	$	120	51%	-
Multi Family	Plug Load	Ceiling Fans	ENERGY STAR Ceiling Fans with Light Kit	Standard Ceiling Fan	Per Ceiling Fan	New	65.65	10	$	120	51%	-
Multi Family	Plug Load	Ceiling Fans	ENERGY STAR Ceiling Fans without Light Kit	Standard Ceiling Fan	Per Ceiling Fan	Existing	4.33	10	$	1	51%	104
Multi Family	Plug Load	Ceiling Fans	ENERGY STAR Ceiling Fans without Light Kit	Standard Ceiling Fan	Per Ceiling Fan	New	4.33	10	$	1	51%	7

Multi Family	Plug Load	Cordless Phone - ENERGY STAR	ENERGY STAR Cordless Phone	Standard Cordless Phone	Per Cordless Phone	Existing	25.60	5	$	1	29%	356
Multi Family	Plug Load	Cordless Phone - ENERGY STAR	ENERGY STAR Cordless Phone	Standard Cordless Phone	Per Cordless Phone	New	25.60	5	$	1	29%	24
Multi Family	Plug Load	Home Office - Server	ENERGY STAR Home Server	Standard Office Server	Per Home Server	Existing	24.87	4	$	9	4%	-
Multi Family	Plug Load	Home Office - Server	ENERGY STAR Home Server	Standard Office Server	Per Home Server	New	24.87	4	$	9	4%	-
Multi Family	Plug Load	Plug Load - Other	Plug Load Other	Plug Load Other	Per Household	Existing	-	5	$	-	100%	-
Multi Family	Plug Load	Plug Load - Other	Plug Load Other	Plug Load Other	Per Household	New	-	5	$	-	100%	-
Multi Family	Plug Load	Smart Strip	Smart Strip	Standard Power Strip	Per Smart Strip	Existing	100.00	5	$	22	62%	2,937
Multi Family	Plug Load	Smart Strip	Smart Strip	Standard Power Strip	Per Smart Strip	New	100.00	5	$	22	62%	200
Multi Family	Printer	Printer - Home Office ENERGY STAR	ENERGY STAR Office Printer	Standard Printer	Per Unit	Existing	32.21	5	$	13	100%	-
Multi Family	Printer	Printer - Home Office ENERGY STAR	ENERGY STAR Office Printer	Standard Printer	Per Unit	New	32.21	5	$	13	100%	-
Multi Family	Printer	Printer - Standard	Standard Printer	Standard Printer	Per Unit	Existing	-	5	$	-	100%	-
Multi Family	Printer	Printer - Standard	Standard Printer	Standard Printer	Per Unit	New	-	5	$	-	100%	-
Multi Family	Refrigerator	Refrigerator - Below Standard	Below Standard Refrigerator	Below Standard Refrigerator	Per Unit	Existing	-	7	$	-	100%	-
Multi Family	Refrigerator	Refrigerator - Below Standard	Below Standard Refrigerator	Below Standard Refrigerator	Per Unit	New	-	7	$	-	100%	-
Multi Family	Refrigerator	Refrigerator - CEE Tier 2	CEE Tier 2 Refrigerator	Standard Refrigerator - Federal Standard 2001	Per Unit	Existing	142.20	13	$	430	100%	-
Multi Family	Refrigerator	Refrigerator - CEE Tier 2	CEE Tier 2 Refrigerator	Standard Refrigerator - Federal Standard 2001	Per Unit	New	142.20	13	$	430	100%	-
Multi Family	Refrigerator	Refrigerator - CEE Tier 3	CEE Tier 3 Refrigerator	Standard Refrigerator - Federal Standard 2001	Per Unit	Existing	170.65	13	$	581	100%	-
Multi Family	Refrigerator	Refrigerator - CEE Tier 3	CEE Tier 3 Refrigerator	Standard Refrigerator - Federal Standard 2001	Per Unit	New	170.65	13	$	581	100%	-
Multi Family	Refrigerator	Refrigerator - ENERGY STAR	ENERGY STAR Refrigerator	Standard Refrigerator - Federal Standard 2001	Per Unit	Existing	113.76	13	$	251	100%	-
Multi Family	Refrigerator	Refrigerator - ENERGY STAR	ENERGY STAR Refrigerator	Standard Refrigerator - Federal Standard 2001	Per Unit	New	113.76	13	$	251	100%	-
Multi Family	Refrigerator	Refrigerator - Federal Standard	Federal Standard In 2014 (NAECA)	Standard Refrigerator - Federal Standard 2001	Per Unit	Existing	56.45	13	$	125	100%	-
Multi Family	Refrigerator	Refrigerator - Federal Standard	Federal Standard In 2014 (NAECA)	Standard Refrigerator - Federal Standard 2001	Per Unit	New	56.45	13	$	125	100%	-
Multi Family	Refrigerator	Refrigerator - Standard 2001	Standard Refrigerator - Federal Standard 2001	Standard Refrigerator - Federal Standard 2001	Per Unit	Existing	-	13	$	-	100%	-
Multi Family	Refrigerator	Refrigerator - Standard 2001	Standard Refrigerator - Federal Standard 2001	Standard Refrigerator - Federal Standard 2001	Per Unit	New	-	13	$	-	100%	-
Multi Family	Refrigerator	Removal of Secondary	Proper Disposal of Refrigerator/Freezer Combo	Existing Non-Efficient Refrigerator/Freezer	Per Recyled Unit	Existing	1,140.00	5	$	30	6%	3,249
Multi Family	Set Top Box	Digital Set Top Receiver - ENERGY	ENERGY STAR Digital Set Top Receiver	Standard Digital Set Top Receiver	Per Unit	Existing	164.69	5	$	12	100%	3,577
Multi Family	Set Top Box	Digital Set Top Receiver - ENERGY	ENERGY STAR Digital Set Top Receiver	Standard Digital Set Top Receiver	Per Unit	New	164.69	5	$	12	100%	273
Multi Family	Set Top Box	Digital Set Top Receiver - Standard	Standard Digital Set Top Receiver	Standard Digital Set Top Receiver	Per Unit	Existing	-	5	$	-	100%	-
Multi Family	Set Top Box	Digital Set Top Receiver - Standard	Standard Digital Set Top Receiver	Standard Digital Set Top Receiver	Per Unit	New	-	5	$	-	100%	-
Multi Family	Television	TV - ENERGY STAR	ENERGY STAR TV	Standard TV	Per Unit	Existing	118.67	5	$	55	100%	-
Multi Family	Television	TV - ENERGY STAR	ENERGY STAR TV	Standard TV	Per Unit	New	118.67	5	$	55	100%	-
Multi Family	Television	TV - Standard	Standard TV	Standard TV	Per Unit	Existing	-	5	$	-	100%	-
Multi Family	Television	TV - Standard	Standard TV	Standard TV	Per Unit	New	-	5	$	-	100%	-
Multi Family	Ventilation	ECM Motor - Air	Air Conditioner/Electric/Gas Furnace ECM Fan	Standard Motor	Per ECM	Existing	280.25	15	$	200	62%	6,000
Multi Family	Ventilation	ECM Motor - Air	Air Conditioner/Electric/Gas Furnace ECM Fan	Standard Motor	Per ECM	New	222.36	15	$	200	90%	482
Multi Family	Ventilation	Motor - Standard	Standard Motor - Ventilation And Circulation	Standard Motor	Per Household	Existing	-	20	$	-	100%	-
Multi Family	Ventilation	Motor - Standard	Standard Motor - Ventilation And Circulation	Standard Motor	Per Household	New	-	20	$	-	100%	-
Multi Family	Water Heat	Clothes Washer	Clothes Washer Enhanced Efficiency MEF =	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	428.67	11	$	790	48%	-
Multi Family	Water Heat	Clothes Washer	Clothes Washer Enhanced Efficiency MEF =	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	428.67	11	$	790	48%	-
Multi Family	Water Heat	Clothes Washer	Clothes Washer CEE Tier 2 MEF = 2.2 and WF	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	308.59	11	$	392	44%	-
Multi Family	Water Heat	Clothes Washer	Clothes Washer CEE Tier 2 MEF = 2.2 and WF	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	308.59	11	$	392	46%	-
Multi Family	Water Heat	Clothes Washer	Clothes Washer CEE Tier 3 MEF = 2.4 and WF	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	343.06	11	$	565	46%	-
Multi Family	Water Heat	Clothes Washer	Clothes Washer CEE Tier 3 MEF = 2.4 and WF	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	343.06	11	$	565	46%	-
Multi Family	Water Heat	Clothes Washer	Clothes Washer ENERGY STAR MEF = 2.0 and	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	267.22	11	$	135	37%	1,047
Multi Family	Water Heat	Clothes Washer	Clothes Washer ENERGY STAR MEF = 2.0 and	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	267.22	11	$	135	37%	71
Multi Family	Water Heat	Clothes Washer	Steam Clothes Washer	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	428.88	11	$	790	48%	-
Multi Family	Water Heat	Clothes Washer	Steam Clothes Washer	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	428.88	11	$	790	48%	-
Multi Family	Water Heat	Desuperheaters - Air Conditioner	Add-on Desuperheaters to Air Conditioner	No Desuperheater	Per Desuperheater	Existing	232.13	10	$	600	43%	-
Multi Family	Water Heat	Desuperheaters - Air Source Heat	Add-on Desuperheaters to Air Source Heat	No Desuperheater	Per Desuperheater	Existing	464.26	10	$	600	0%	-
Multi Family	Water Heat	Desuperheaters - Ground Source Heat	Add-on Desuperheaters to Ground Source Heat	No Desuperheater	Per Desuperheater	Existing	464.26	10	$	600	0%	-
Multi Family	Water Heat	Dishwasher	Dishwasher Enhanced Efficiency (EF 1.00) 200	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	Existing	155.00	11	$	1,067	47%	-
Multi Family	Water Heat	Dishwasher	Dishwasher Enhanced Efficiency (EF 1.00) 200	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	New	155.00	11	$	1,067	47%	-
Multi Family	Water Heat	Dishwasher	ENERGY STAR 295 kWh/yr and 4.25	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	Existing	60.00	11	$	272	16%	-
Multi Family	Water Heat	Dishwasher	ENERGY STAR 295 kWh/yr and 4.25	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	New	60.00	11	$	272	16%	-
Multi Family	Water Heat	Drain-Water Heat Recovery	Drain-Water Heat Recovery	No Drain Water Heat Recovery	Per Drain-Water Heat Recovery System	Existing	543.18	40	$	936	10%	417
Multi Family	Water Heat	Drain-Water Heat Recovery	Drain-Water Heat Recovery	No Drain Water Heat Recovery	Per Drain-Water Heat Recovery System	New	511.37	40	$	936	71%	205
Multi Family	Water Heat	Faucet Aerators	0.5 GPM	2.2 GPM (Federal Code)	Per Faucet Aerator	Existing	104.63	10	$	2	85%	943
Multi Family	Water Heat	Faucet Aerators	0.5 GPM	2.2 GPM (Federal Code)	Per Faucet Aerator	New	99.65	10	$	2	90%	64
Multi Family	Water Heat	Faucet Aerators	1.5 GPM	2.2 GPM (Federal Code)	Per Faucet Aerator	Existing	43.08	10	$	1	26%	6
Multi Family	Water Heat	Faucet Aerators	1.5 GPM	2.2 GPM (Federal Code)	Per Faucet Aerator	New	41.03	10	$	1	28%	-
Multi Family	Water Heat	Faucet Aerators	2.0 GPM	2.2 GPM (Federal Code)	Per Faucet Aerator	Existing	12.31	10	$	1	14%	-
Multi Family	Water Heat	Faucet Aerators	2.0 GPM	2.2 GPM (Federal Code)	Per Faucet Aerator	New	11.72	10	$	1	15%	-
Multi Family	Water Heat	Faucet Aerators	2.2 GPM (Federal Code)	Existing Faucet Aerator GPM	Per Faucet Aerator	Existing	49.24	10	$	3	9%	47

Multi Family	Water Heat	Hot Tub Covers	Hot Tub Covers R-21	Existing Cover R-10	Per Hot Tub Cover	Existing	172.07	6	$ 524	1%	-
Multi Family	Water Heat	Low-Flow Showerheads	1.5 GPM - Showerhead	2.5 GPM (Federal Code)	Per Showerhead	Existing	308.05	10	$ 8	80%	2,621
Multi Family	Water Heat	Low-Flow Showerheads	1.5 GPM - Showerhead	2.5 GPM (Federal Code)	Per Showerhead	New	293.38	10	$ 8	80%	170
Multi Family	Water Heat	Low-Flow Showerheads	2.0 GPM - Showerhead	2.5 GPM (Federal Code)	Per Showerhead	Existing	154.03	10	$ 13	38%	32
Multi Family	Water Heat	Low-Flow Showerheads	2.0 GPM - Showerhead	2.5 GPM (Federal Code)	Per Showerhead	New	146.69	10	$ 13	38%	2
Multi Family	Water Heat	Low-Flow Showerheads	2.5 GPM (Federal Code)	Existing Showerhead GPM	Per Showerhead	Existing	154.03	10	$ 24	23%	380
Multi Family	Water Heat	Solar Hot Water (SHW)	Solar Thermal Collector	Standard Storage Hot Water Heater	Per Solar Water System	Existing	1,160.64	15	$ 6,238	15%	-
Multi Family	Water Heat	Solar Hot Water (SHW)	Solar Thermal Collector	Standard Storage Hot Water Heater	Per Solar Water System	New	1,092.67	15	$ 4,878	15%	-
Multi Family	Water Heat	Water Heater - Below Standard	EF = 0.88 Below Standard Water Heater	EF = 0.88 Below Standard Water Heater	Per Unit	Existing	-	7	$ -	100%	-
Multi Family	Water Heat	Water Heater - Below Standard	EF = 0.88 Below Standard Water Heater	EF = 0.88 Below Standard Water Heater	Per Unit	New	-	7	$ -	100%	-
Multi Family	Water Heat	Water Heater - Heat Pump	Heat Pump Water Heater ENERGY STAR EF =	EF = 0.92 Federal Standard 2001	Per Unit	Existing	1,244.50	13	$ 1,281	60%	-
Multi Family	Water Heat	Water Heater - Heat Pump	Heat Pump Water Heater ENERGY STAR EF =	EF = 0.92 Federal Standard 2001	Per Unit	New	1,185.24	13	$ 1,281	60%	-
Multi Family	Water Heat	Water Heater - Pipe Insulation	Hot Water Pipe Insulation (R-4)	No Pipe Insulation	Per Pipe Insulation	Existing	69.31	13	$ 6	10%	61
Multi Family	Water Heat	Water Heater - Pipe Insulation	Hot Water Pipe Insulation (R-4)	No Pipe Insulation	Per Pipe Insulation	New	69.31	13	$ 6	15%	6
Multi Family	Water Heat	Water Heater - Storage 2001 Standard	EF = 0.92 Federal Standard 2001	EF = 0.92 Federal Standard 2001	Per Unit	Existing	-	13	$ -	100%	-
Multi Family	Water Heat	Water Heater - Storage 2001 Standard	EF = 0.92 Federal Standard 2001	EF = 0.92 Federal Standard 2001	Per Unit	New	-	13	$ -	100%	-
Multi Family	Water Heat	Water Heater - Storage 2015 Standard	Water Heater - Storage Federal Standard April	EF = 0.92 Federal Standard 2001	Per Unit	Existing	74.68	13	$ 43	100%	-
Multi Family	Water Heat	Water Heater - Storage 2015 Standard	Water Heater - Storage Federal Standard April	EF = 0.92 Federal Standard 2001	Per Unit	New	71.13	13	$ 43	100%	-
Multi Family	Water Heat	Water Heater - Tank Blanket/Insulation	Install Insulation (R-11)	No Tank Insulation	Per Tank Wrap	Existing	150.88	13	$ 18	13%	177
Multi Family	Water Heat	Water Heater - Tankless	Tankless EF= 0.98	EF = 0.92 Federal Standard 2001	Per Unit	Existing	147.30	20	$ 261	0%	-
Multi Family	Water Heat	Water Heater - Tankless	Tankless EF= 0.98	EF = 0.92 Federal Standard 2001	Per Unit	New	140.29	20	$ 261	0%	-
Multi Family	Water Heat	Water Heater - Thermostat Setback	120 Degrees	135 Degrees	Per Set-Back	Existing	443.56	4	$ 10	13%	521
Multi Family	Water Heat	Water Heater - Thermostat Setback	120 Degrees	135 Degrees	Per Set-Back	New	417.58	4	$ 10	13%	33
Single	Computer	Computer - Home Office ENERGY	ENERGY STAR Office Computer	Standard Office Computer	Per Unit	Existing	76.64	4	$ 9	100%	25,250
Single	Computer	Computer - Home Office ENERGY	ENERGY STAR Office Computer	Standard Office Computer	Per Unit	New	76.64	4	$ 9	100%	1,824
Single	Computer	Computer - Home Office Standard	Standard Office Computer	Standard Office Computer	Per Unit	Existing	-	4	$ -	100%	-
Single	Computer	Computer - Home Office Standard	Standard Office Computer	Standard Office Computer	Per Unit	New	-	4	$ -	100%	-
Single	Cooking	Oven - Convection	Convection Oven	Standard Oven	Per Unit	Existing	102.21	19	$ 177	100%	-
Single	Cooking	Oven - Convection	Convection Oven	Standard Oven	Per Unit	New	102.21	19	$ 177	100%	-
Single	Cooking	Oven - Standard	Standard Oven	Standard Oven	Per Unit	Existing	-	19	$ -	100%	-
Single	Cooking	Oven - Standard	Standard Oven	Standard Oven	Per Unit	New	-	19	$ -	100%	-
Single	Cooking	Cooking Range - Standard	Standard Cooking Range	Standard Cooking Range	Per Unit	Existing	-	19	$ -	100%	-
Single	Cooking	Cooking Range - Standard	Standard Cooking Range	Standard Cooking Range	Per Unit	New	-	19	$ -	100%	-
Single	Cool Central	Attic Fan	Attic Fan For Summer Cooling	No Attic Fan with Central Cooling	Per Attic Fan	Existing	127.18	19	$ 249	82%	22,960
Single	Cool Central	Central Air Conditioners - Below	Below Standard SEER 10	Below Standard SEER 10	Per Household	Existing	-	8	$ -	100%	-
Single	Cool Central	Central Air Conditioners - Below	Below Standard SEER 10	Below Standard SEER 10	Per Household	New	-	8	$ -	100%	-
Single	Cool Central	Central Air Conditioners - CEE Tier 2	CEE Tier 2 SEER/EER 15/12.5 (Split System)	Federal Standard 13 SEER	Per Household	Existing	299.47	15	$ 714	100%	-
Single	Cool Central	Central Air Conditioners - CEE Tier 2	CEE Tier 2 SEER/EER 15/12.5 (Split System)	Federal Standard 13 SEER	Per Household	New	178.80	15	$ 714	100%	-
Single	Cool Central	Central Air Conditioners - CEE Tier 3	CEE Tier 3 SEER/EER 16/13 (Split System)	Federal Standard 13 SEER	Per Household	Existing	421.13	15	$ 1,071	100%	-
Single	Cool Central	Central Air Conditioners - CEE Tier 3	CEE Tier 3 SEER/EER 16/13 (Split System)	Federal Standard 13 SEER	Per Household	New	251.44	15	$ 1,071	100%	-
Single	Cool Central	Central Air Conditioners - ENERGY	ENERGY STAR SEER/EER 14.5/12 (Split	Federal Standard 13 SEER	Per Household	Existing	232.34	15	$ 536	100%	-
Single	Cool Central	Central Air Conditioners - ENERGY	ENERGY STAR SEER/EER 14.5/12 (Split	Federal Standard 13 SEER	Per Household	New	138.72	15	$ 536	100%	-
Single	Cool Central	Central Air Conditioners - Enhanced	Enhanced SEER/EER 18/14 (Split System)	Federal Standard 13 SEER	Per Household	Existing	623.89	15	$ 1,788	100%	67,733
Single	Cool Central	Central Air Conditioners - Enhanced	Enhanced SEER/EER 18/14 (Split System)	Federal Standard 13 SEER	Per Household	New	372.50	15	$ 1,788	100%	-
Single	Cool Central	Central Air Conditioners - Standard	Federal Standard SEER 13	Federal Standard 13 SEER	Per Household	Existing	-	15	$ -	100%	-
Single	Cool Central	Central Air Conditioners - Standard	Federal Standard SEER 13	Federal Standard 13 SEER	Per Household	New	-	15	$ -	100%	-
Single	Cool Central	Construction - ICF	Insulated Concrete Forms - Concrete	Standard Wood Framing	Per Building SqFt	New	0.09	40	$ 3	67%	-
Single	Cool Central	Construction - SIP	Structural Insulated Panels - Specialty Framing	Standard Wood Framing	Per Building SqFt	New	0.09	40	$ 1	67%	1,813
Single	Cool Central	Cool Roofs	Lighter Colored Shingles (White)	Standard Roof Shingles	Per Roof SqFT	Existing	0.33	20	$ 0	45%	-
Single	Cool Central	Cool Roofs	Lighter Colored Shingles (White)	Standard Roof Shingles	Per Roof SqFT	New	0.19	20	$ 0	45%	-
Single	Cool Central	Doors	ENERGY STAR Door (R-4.8)	Standard Code Door (R-2.9)	Per Door SqFt	Existing	0.34	20	$ 1	61%	98
Single	Cool Central	Doors	ENERGY STAR Door (R-4.8)	Standard Code Door (R-2.9)	Per Door SqFt	New	0.25	20	$ 1	61%	7
Single	Cool Central	Doors	Thermal Door (R-10)	Standard Code Door (R-2.9)	Per Door SqFt	Existing	0.62	20	$ 3	76%	3,398
Single	Cool Central	Doors	Thermal Door (R-10)	Standard Code Door (R-2.9)	Per Door SqFt	New	0.44	20	$ 3	76%	272
Single	Cool Central	Duct Sealing	4 CFM/100sqft of CFA	8 CFM/100sqft of CFA	Per Duct Sealing Installation	New	65.65	18	$ 333	65%	761
Single	Cool Central	Duct Sealing	4 CFM/100sqft of CFA	Existing CFM/100sqft of CFA	Per Duct Sealing Installation	Existing	343.44	18	$ 960	33%	21,861
Single	Cool Central	Duct Sealing	8 CFM/100sqft of CFA	Existing CFM/100sqft of CFA	Per Duct Sealing Installation	Existing	228.96	18	$ 587	65%	21,521
Single	Cool Central	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof sqft	New	0.13	30	$ 13	88%	-
Single	Cool Central	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	Existing	228.96	11	$ 612	35%	11,083
Single	Cool Central	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	New	85.35	11	$ 612	64%	-
Single	Cool Central	Infiltration Reduction	4.0 ACH50	7.0 ACH50	Per Building SqFt	New	0.06	11	$ 0	42%	656
Single	Cool Central	Infiltration Reduction	4.0 ACH50	Existing Infiltration (10 ACH50)	Per Building SqFt	Existing	0.20	11	$ 0	19%	9,668
Single	Cool Central	Infiltration Reduction	7.0 ACH50	Existing Infiltration (10 ACH50)	Per Building SqFt	Existing	0.10	11	$ 0	63%	18,514

Single	Cool Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-38 (To Code Zone 5)	Average Existing Insulation (R-15.7)	Per Insulated SqFt	Existing	0.08	20	$ 1	23%	2,364
Single	Cool Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (To Code Zone 6)	Average Existing Insulation (R-15.7)	Per Insulated SqFt	Existing	0.09	20	$ 1	23%	2,681
Single	Cool Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (Zone 5)	Code Insulation R-38 (Zone 5)	Per Insulated SqFt	Existing	0.01	20	$ 0	45%	-
Single	Cool Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (Zone 5)	Code Insulation R-38 (Zone 5)	Per Insulated SqFt	New	0.01	20	$ 0	45%	-
Single	Cool Central	Insulation - Basement Wall	Insulation Basement Wall (R-10 Zone 5)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	-	20	$ 1	12%	-
Single	Cool Central	Insulation - Basement Wall	Insulation Basement Wall (R-15 Zone 6)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	-	20	$ 1	24%	-
Single	Cool Central	Insulation - Duct	Insulation Duct (R-8)	No Duct Insulation	Per Duct Insulation Installation	Existing	72.12	20	$ 596	71%	6,774
Single	Cool Central	Insulation - Floor	Insulation Floor (R-30)	Average Existing Insulation (R-1.8)	Per Insulated SqFt	Existing	-	20	$ 1	57%	-
Single	Cool Central	Insulation - Rim/Band Joist	Insulation Rim and Band Joist (R-10)	No Rim And Band Joist Insulation	Per Insulated SqFt	Existing	0.14	20	$ 1	16%	403
Single	Cool Central	Insulation - Siding	Vinyl Siding with Foam Backing (R-3)	No Siding Insulation	Per Insulated SqFt	Existing	0.12	20	$ 1	14%	4,799
Single	Cool Central	Insulation - Slab	Insulation Slab (R-15, 4ft)	Code Insulation (R-10, 4ft)	Per Insulated SqFt	New	-	20	$ 0	13%	-
Single	Cool Central	Insulation - Wall	Insulation Wall (R-13)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	0.24	20	$ 1	3%	810
Single	Cool Central	Insulation - Wall	Insulation Wall (R-20 or R-13 w/ R-5 sheathing)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	0.29	20	$ 1	2%	1,437
Single	Cool Central	Insulation - Wall	Insulation Wall (R-21 + R-5 sheathing)	Code Insulation (R-20 or R-13 w/ R-5	Per Insulated SqFt	New	0.01	20	$ 0	90%	300
Single	Cool Central	Quality Install CAC	Quality Installation (QI)	Standard Installation	Per QI Install	Existing	240.41	5	$ 300	45%	-
Single	Cool Central	Quality Install CAC	Quality Installation (QI)	Standard Installation	Per QI Install	New	137.87	5	$ 300	45%	-
Single	Cool Central	Radiant Barrier (Ceiling)	Radiant Barrier (Ceiling)	No Radiant Barrier	Per Radiant Barrier Install	Existing	233.73	30	$ 675	82%	31,276
Single	Cool Central	Radiant Barrier (Ceiling)	Radiant Barrier (Ceiling)	No Radiant Barrier	Per Radiant Barrier Install	New	134.04	30	$ 480	82%	2,158
Single	Cool Central	Solar Attic Fan	Solar Electric Attic Ventilation	Standard Passive Ventilation	Per Solar Fan	Existing	137.38	19	$ 331	49%	14,892
Single	Cool Central	Solar Attic Fan	Solar Electric Attic Ventilation	Standard Passive Ventilation	Per Solar Fan	New	78.78	19	$ 331	49%	848
Single	Cool Central	Thermostat - Multi-Zone	Individual Room Temperature Control for Major	Programmable Thermostat - Central Control	Per Programmable Control System	New	89.29	11	$ 895	86%	-
Single	Cool Central	Thermostat - Programmable	Setback Thermostat 5-1-1, 5-2 or 7-Day	Manual Thermostat	Per Programmable Control	Existing	80.14	15	$ 33	48%	-
Single	Cool Central	Thermostat - WiFi Programmable	WiFi Programmable Thermostat	Programmable Thermostat - Central Control	Per Programmable Control	Existing	80.37	15	$ 167	51%	3,076
Single	Cool Central	Thermostat - WiFi Programmable	WiFi Programmable Thermostat	Programmable Thermostat - Central Control	Per Programmable Control	New	46.09	15	$ 167	90%	839
Single	Cool Central	Tune-up - Air Conditioner	Air Conditioner Maintenance (Tune-up)	Unmaintained Air Conditioner	Per Tune-up	Existing	171.72	5	$ 200	71%	15,628
Single	Cool Central	Whole-House Fan	Whole-House Fan to Offset Central Cooling	No Whole-House Fan	Per House Fan	Existing	343.44	20	$ 366	48%	36,471
Single	Cool Central	Whole-House Fan	Whole-House Fan to Offset Central Cooling	No Whole-House Fan	Per House Fan	New	196.96	20	$ 366	48%	2,076
Single	Cool Central	Window - Film	Window Film (SHGC Reduction=45%)	No Window Film	Per Window SqFt	Existing	0.57	10	$ 5	76%	-
Single	Cool Central	Window - Shade	Window Shade/Blind or Thermal Drapes	No Interior Shading Device	Per Window SqFt	Existing	0.38	3	$ 7	38%	-
Single	Cool Central	Window - Upgrade	Code Window U-Factor = 0.35 (2009 IECC)	Existing Windows U-Factor	Per Window SqFt	Existing	0.45	20	$ 25	24%	-
Single	Cool Central	Window - Upgrade	ENERGY STAR U-Factor = 0.30	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	Existing	0.13	20	$ 8	73%	-
Single	Cool Central	Window - Upgrade	ENERGY STAR U-Factor = 0.30	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	New	0.09	20	$ 8	82%	-
Single	Cool Central	Window - Upgrade	Smart Window U-Factor = 0.22	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	Existing	0.33	20	$ 33	61%	-
Single	Cool Central	Window - Upgrade	Smart Window U-Factor = 0.22	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	New	0.23	20	$ 33	68%	-
Single	Cool Room	Construction - ICF	Insulated Concrete Forms - Concrete	Standard Wood Framing	Per Building SqFt	New	0.02	40	$ 3	67%	-
Single	Cool Room	Construction - SIP	Structural Insulated Panels - Specialty Framing	Standard Wood Framing	Per Building SqFt	New	0.02	40	$ 1	67%	-
Single	Cool Room	Cool Roofs	Lighter Colored Shingles (White)	Standard Roof Shingles	Per Roof SqFT	Existing	0.07	20	$ 0	45%	-
Single	Cool Room	Cool Roofs	Lighter Colored Shingles (White)	Standard Roof Shingles	Per Roof SqFT	New	0.06	20	$ 0	45%	-
Single	Cool Room	Doors	ENERGY STAR Door (R-4.8)	Standard Code Door (R-2.9)	Per Door SqFt	Existing	0.10	20	$ 1	61%	4
Single	Cool Room	Doors	ENERGY STAR Door (R-4.8)	Standard Code Door (R-2.9)	Per Door SqFt	New	0.09	20	$ 1	61%	-
Single	Cool Room	Doors	Thermal Door (R-10)	Standard Code Door (R-2.9)	Per Door SqFt	Existing	0.17	20	$ 3	76%	157
Single	Cool Room	Doors	Thermal Door (R-10)	Standard Code Door (R-2.9)	Per Door SqFt	New	0.16	20	$ 3	76%	-
Single	Cool Room	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof sqft	New	0.01	30	$ 13	88%	-
Single	Cool Room	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	Existing	35.64	11	$ 612	35%	-
Single	Cool Room	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	New	19.35	11	$ 612	64%	-
Single	Cool Room	Infiltration Reduction	4.0 ACH50	7.0 ACH50	Per Building SqFt	New	0.01	11	$ 0	42%	-
Single	Cool Room	Infiltration Reduction	4.0 ACH50	Existing Infiltration (10 ACH50)	Per Building SqFt	Existing	0.03	11	$ 0	19%	287
Single	Cool Room	Infiltration Reduction	7.0 ACH50	Existing Infiltration (10 ACH50)	Per Building SqFt	Existing	0.02	11	$ 0	63%	475
Single	Cool Room	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-38 (To Code Zone 5)	Average Existing Insulation (R-15.7)	Per Insulated SqFt	Existing	0.02	20	$ 1	23%	-
Single	Cool Room	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (To Code Zone 6)	Average Existing Insulation (R-15.7)	Per Insulated SqFt	Existing	0.03	20	$ 1	23%	-
Single	Cool Room	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (Zone 5)	Code Insulation R-38 (Zone 5)	Per Insulated SqFt	Existing	0.00	20	$ 0	45%	-
Single	Cool Room	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (Zone 5)	Code Insulation R-38 (Zone 5)	Per Insulated SqFt	New	0.00	20	$ 0	45%	-
Single	Cool Room	Insulation - Basement Wall	Insulation Basement Wall (R-10 Zone 5)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	-	20	$ 1	12%	-
Single	Cool Room	Insulation - Basement Wall	Insulation Basement Wall (R-15 Zone 6)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	-	20	$ 1	24%	-
Single	Cool Room	Insulation - Floor	Insulation Floor (R-30)	Average Existing Insulation (R-1.8)	Per Insulated SqFt	Existing	-	20	$ 1	57%	-
Single	Cool Room	Insulation - Rim/Band Joist	Insulation Rim and Band Joist (R-10)	No Rim And Band Joist Insulation	Per Insulated SqFt	Existing	0.04	20	$ 1	16%	24
Single	Cool Room	Insulation - Siding	Vinyl Siding with Foam Backing (R-3)	No Siding Insulation	Per Insulated SqFt	Existing	0.03	20	$ 1	14%	201
Single	Cool Room	Insulation - Slab	Insulation Slab (R-15, 4ft)	Code Insulation (R-10, 4ft)	Per Insulated SqFt	New	-	20	$ 0	13%	-
Single	Cool Room	Insulation - Wall	Insulation Wall (R-13)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	0.07	20	$ 1	3%	34
Single	Cool Room	Insulation - Wall	Insulation Wall (R-20 or R-13 w/ R-5 sheathing)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	0.08	20	$ 1	2%	60
Single	Cool Room	Insulation - Wall	Insulation Wall (R-21 + R-5 sheathing)	Code Insulation (R-20 or R-13 w/ R-5	Per Insulated SqFt	New	0.01	20	$ 0	90%	-
Single	Cool Room	Radiant Barrier (Ceiling)	Radiant Barrier (Ceiling)	No Radiant Barrier	Per Radiant Barrier Install	Existing	36.38	30	$ 675	82%	-
Single	Cool Room	Radiant Barrier (Ceiling)	Radiant Barrier (Ceiling)	No Radiant Barrier	Per Radiant Barrier Install	New	30.38	30	$ 480	82%	-

Single	Cool Room	Removal of Secondary Window Air	Proper Disposal of Window Air Conditioner Unit	Existing Non-Efficient Window Air Conditioner	Per Recyled Unit	Existing	378.84	3	$ 30	19%	2,812
Single	Cool Room	Room AC - Below Standard	Below Standard 7.7 EER; 8,000-13,999 Btu	Below Standard 7.7 EER; 8,000-13,999 Btu	Per Unit	Existing	-	5	$ -	100%	-
Single	Cool Room	Room AC - Below Standard	Below Standard 7.7 EER; 8,000-13,999 Btu	Below Standard 7.7 EER; 8,000-13,999 Btu	Per Unit	New	-	5	$ -	100%	-
Single	Cool Room	Room AC - CEE Tier 1	CEE TIER 1 = 11.3 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Unit	Existing	39.51	9	$ 309	100%	-
Single	Cool Room	Room AC - CEE Tier 1	CEE TIER 1 = 11.3 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Unit	New	39.51	9	$ 309	100%	-
Single	Cool Room	Room AC - CEE Tier 2	CEE TIER 2 = 11.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Unit	Existing	50.45	9	$ 575	100%	-
Single	Cool Room	Room AC - CEE Tier 2	CEE TIER 2 = 11.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Unit	New	50.45	9	$ 575	100%	-
Single	Cool Room	Room AC - ENERGY STAR	ENERGY STAR = 10.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Unit	Existing	27.56	9	$ 42	100%	796
Single	Cool Room	Room AC - ENERGY STAR	ENERGY STAR = 10.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Unit	New	27.56	9	$ 42	100%	-
Single	Cool Room	Room AC - Standard	Federal Standard 9.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Unit	Existing	-	9	$ -	100%	-
Single	Cool Room	Room AC - Standard	Federal Standard 9.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Unit	New	-	9	$ -	100%	-
Single	Cool Room	Window - Film	Window Film (SHGC Reduction=45%)	No Window Film	Per Window SqFt	Existing	0.09	10	$ 5	76%	-
Single	Cool Room	Window - Shade	Window Shade/Blind or Thermal Drapes	No Interior Shading Device	Per Window SqFt	Existing	0.06	3	$ 7	38%	-
Single	Cool Room	Window - Upgrade	Code Window U-Factor = 0.35 (2009 IECC)	Existing Windows U-Factor	Per Window SqFt	Existing	0.13	20	$ 25	24%	-
Single	Cool Room	Window - Upgrade	ENERGY STAR U-Factor = 0.30	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	Existing	0.04	20	$ 8	73%	-
Single	Cool Room	Window - Upgrade	ENERGY STAR U-Factor = 0.30	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	New	0.03	20	$ 8	82%	-
Single	Cool Room	Window - Upgrade	Smart Window U-Factor = 0.22	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	Existing	0.09	20	$ 33	61%	-
Single	Cool Room	Window - Upgrade	Smart Window U-Factor = 0.22	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	New	0.08	20	$ 33	68%	-
Single	Copier	Copier - Standard	Standard Copier	Standard Copier	Per Unit	Existing	-	6	$ -	100%	-
Single	Copier	Copier - Standard	Standard Copier	Standard Copier	Per Unit	New	-	6	$ -	100%	-
Single	Copier	Copiers - Home Office ENERGY STAR	ENERGY STAR Office Copiers	Standard Copier	Per Unit	Existing	73.00	6	$ 1,505	100%	-
Single	Copier	Copiers - Home Office ENERGY STAR	ENERGY STAR Office Copiers	Standard Copier	Per Unit	New	73.00	6	$ 1,505	100%	-
Single	Dehumidifier	Dehumidifier - Standard	Standard Dehumidifier	Standard Dehumidifier	Per Unit	Existing	-	12	$ -	100%	-
Single	Dehumidifier	Dehumidifier - Standard	Standard Dehumidifier	Standard Dehumidifier	Per Unit	New	-	12	$ -	100%	-
Single	Dehumidifier	Dehumidifiers - ENERGY STAR	ENERGY STAR Dehumidifiers	Standard Dehumidifier	Per Unit	Existing	117.37	12	$ 34	100%	9,084
Single	Dehumidifier	Dehumidifiers - ENERGY STAR	ENERGY STAR Dehumidifiers	Standard Dehumidifier	Per Unit	New	117.37	12	$ 34	100%	1,066
Single	Dryer	Clothes Dryer - Moisture Sensor	Clothes Dryer w/ Moisture Sensor	Standard Dryer without Moisture Sensor	Per Unit	Existing	142.74	11	$ 137	100%	-
Single	Dryer	Clothes Dryer - Moisture Sensor	Clothes Dryer w/ Moisture Sensor	Standard Dryer without Moisture Sensor	Per Unit	New	142.74	11	$ 137	100%	-
Single	Dryer	Clothes Dryer - Standard without	Standard Dryer without Moisture Sensor	Standard Dryer without Moisture Sensor	Per Unit	Existing	-	11	$ -	100%	-
Single	Dryer	Clothes Dryer - Standard without	Standard Dryer without Moisture Sensor	Standard Dryer without Moisture Sensor	Per Unit	New	-	11	$ -	100%	-
Single	Dryer	Clothes Dryer - Steam	Steam Clothes Dryer	Standard Dryer without Moisture Sensor	Per Unit	Existing	142.74	11	$ 372	98%	-
Single	Dryer	Clothes Dryer - Steam	Steam Clothes Dryer	Standard Dryer without Moisture Sensor	Per Unit	New	142.74	11	$ 372	98%	-
Single	Freezer	Freezer - Below Standard	Below Standard Freezer	Below Standard Freezer	Per Unit	Existing	-	6	$ -	100%	-
Single	Freezer	Freezer - Below Standard	Below Standard Freezer	Below Standard Freezer	Per Unit	New	-	6	$ -	100%	-
Single	Freezer	Freezer - ENERGY STAR	ENERGY STAR Freezer	Standard Freezer - Federal Standard 2001	Per Unit	Existing	55.83	12	$ 75	100%	-
Single	Freezer	Freezer - ENERGY STAR	ENERGY STAR Freezer	Standard Freezer - Federal Standard 2001	Per Unit	New	55.83	12	$ 75	100%	-
Single	Freezer	Freezer - Federal Standard September	Standard Freezer - Federal Standard 2014	Standard Freezer - Federal Standard 2001	Per Unit	Existing	159.48	12	$ 214	100%	-
Single	Freezer	Freezer - Federal Standard September	Standard Freezer - Federal Standard 2014	Standard Freezer - Federal Standard 2001	Per Unit	New	159.48	12	$ 214	100%	-
Single	Freezer	Freezer - Standard 2001	Standard Freezer - Federal Standard 2001	Standard Freezer - Federal Standard 2001	Per Unit	Existing	-	12	$ -	100%	-
Single	Freezer	Freezer - Standard 2001	Standard Freezer - Federal Standard 2001	Standard Freezer - Federal Standard 2001	Per Unit	New	-	12	$ -	100%	-
Single	Freezer	Removal of Secondary Stand-Alone	Proper Disposal of Stand-Alone Freezer	Existing Non-Efficient Stand-Alone Freezer	Per Recyled Unit	Existing	916.00	5	$ 30	15%	29,482
Single	Heat Central	Central Heat - Standard	Standard Central Heat	Standard Central Heat	Per Household	Existing	-	10	$ -	100%	-
Single	Heat Central	Central Heat - Standard	Standard Central Heat	Standard Central Heat	Per Household	New	-	10	$ -	100%	-
Single	Heat Central	Construction - ICF	Insulated Concrete Forms - Concrete	Standard Wood Framing	Per Building SqFt	New	0.85	40	$ 3	67%	-
Single	Heat Central	Construction - SIP	Structural Insulated Panels - Specialty Framing	Standard Wood Framing	Per Building SqFt	New	0.85	40	$ 1	67%	376
Single	Heat Central	Doors	ENERGY STAR Door (R-4.8)	Standard Code Door (R-2.9)	Per Door SqFt	Existing	6.18	20	$ 1	61%	65
Single	Heat Central	Doors	ENERGY STAR Door (R-4.8)	Standard Code Door (R-2.9)	Per Door SqFt	New	6.18	20	$ 1	61%	4
Single	Heat Central	Doors	Thermal Door (R-10)	Standard Code Door (R-2.9)	Per Door SqFt	Existing	11.08	20	$ 3	76%	2,455
Single	Heat Central	Doors	Thermal Door (R-10)	Standard Code Door (R-2.9)	Per Door SqFt	New	11.08	20	$ 3	76%	171
Single	Heat Central	Duct Sealing	4 CFM/100sqft of CFA	Existing CFM/100sqft of CFA	Per Duct Sealing Installation	Existing	2,099.10	18	$ 960	32%	3,943
Single	Heat Central	Duct Sealing	8 CFM/100sqft of CFA	Existing CFM/100sqft of CFA	Per Duct Sealing Installation	Existing	1,399.40	18	$ 587	40%	3,345
Single	Heat Central	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof sqft	New	0.30	30	$ 13	88%	-
Single	Heat Central	Heat Exchanger - Air-to-Air	Air-to-Air Heat Exchanger	No Air-to-Air Heat Exchanger	Per Heat Exchanger	Existing	2,798.80	18	$ 1,085	75%	15,055
Single	Heat Central	Heat Exchanger - Air-to-Air	Air-to-Air Heat Exchanger	No Air-to-Air Heat Exchanger	Per Heat Exchanger	New	2,418.40	18	$ 1,085	75%	869
Single	Heat Central	Heat Pump - Ductless Mini-Split	ENERGY STAR 14.5 SEER, 8.2 HSPF	Electric Baseboard Heating	Per Ductless Heat Pump	Existing	3,905.59	15	$ 4,092	38%	-
Single	Heat Central	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	Existing	1,399.40	11	$ 612	35%	2,267
Single	Heat Central	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	New	785.98	11	$ 612	64%	-
Single	Heat Central	Infiltration Reduction	4.0 ACH50	7.0 ACH50	Per Building SqFt	New	0.53	11	$ 0	42%	138
Single	Heat Central	Infiltration Reduction	4.0 ACH50	Existing Infiltration (10 ACH50)	Per Building SqFt	Existing	1.23	11	$ 0	19%	2,039
Single	Heat Central	Infiltration Reduction	7.0 ACH50	Existing Infiltration (10 ACH50)	Per Building SqFt	Existing	0.62	11	$ 0	63%	3,446
Single	Heat Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-38 (To Code Zone 5)	Average Existing Insulation (R-15.7)	Per Insulated SqFt	Existing	1.46	20	$ 1	23%	1,674
Single	Heat Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (To Code Zone 6)	Average Existing Insulation (R-15.7)	Per Insulated SqFt	Existing	1.70	20	$ 1	23%	1,768
Single	Heat Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (Zone 5)	Code Insulation R-38 (Zone 5)	Per Insulated SqFt	Existing	0.25	20	$ 0	45%	-

Single	Heat Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (Zone 5)	Code Insulation R-38 (Zone 5)	Per Insulated SqFt	New	0.25	20	$	0	45%	-
Single	Heat Central	Insulation - Basement Wall	Insulation Basement Wall (R-10 Zone 5)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	4.25	20	$	1	12%	2,058
Single	Heat Central	Insulation - Basement Wall	Insulation Basement Wall (R-15 Zone 6)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	4.93	20	$	1	24%	5,134
Single	Heat Central	Insulation - Duct	Insulation Duct (R-8)	No Duct Insulation	Per Duct Insulation Installation	Existing	594.75	20	$	596	71%	-
Single	Heat Central	Insulation - Floor	Insulation Floor (R-30)	Average Existing Insulation (R-1.8)	Per Insulated SqFt	Existing	1.24	20	$	1	57%	3,389
Single	Heat Central	Insulation - Rim/Band Joist	Insulation Rim and Band Joist (R-10)	No Rim And Band Joist Insulation	Per Insulated SqFt	Existing	2.54	20	$	1	16%	300
Single	Heat Central	Insulation - Siding	Vinyl Siding with Foam Backing (R-3)	No Siding Insulation	Per Insulated SqFt	Existing	2.21	20	$	1	14%	3,436
Single	Heat Central	Insulation - Slab	Insulation Slab (R-15, 4ft)	Code Insulation (R-10, 4ft)	Per Insulated SqFt	New	0.80	20	$	0	13%	41
Single	Heat Central	Insulation - Wall	Insulation Wall (R-13)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	4.38	20	$	1	3%	543
Single	Heat Central	Insulation - Wall	Insulation Wall (R-20 or R-13 w/ R-5 sheathing)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	5.13	20	$	1	2%	962
Single	Heat Central	Insulation - Wall	Insulation Wall (R-21 + R-5 sheathing)	Code Insulation (R-20 or R-13 w/ R-5	Per Insulated SqFt	New	0.37	20	$	0	90%	235
Single	Heat Central	Radiant Barrier (Ceiling)	Radiant Barrier (Ceiling)	No Radiant Barrier	Per Radiant Barrier Install	Existing	279.88	30	$	675	82%	-
Single	Heat Central	Radiant Barrier (Ceiling)	Radiant Barrier (Ceiling)	No Radiant Barrier	Per Radiant Barrier Install	New	241.84	30	$	480	82%	-
Single	Heat Central	Thermostat - Multi-Zone	Individual Room Temperature Control for Major	Programmable Thermostat - Central Control	Per Programmable Control System	New	822.26	11	$	895	86%	-
Single	Heat Central	Thermostat - Programmable	Setback Thermostat 5-1-1, 5-2 or 7-Day	Manual Thermostat	Per Programmable Control	Existing	489.79	15	$	33	48%	-
Single	Heat Central	Thermostat - WiFi Programmable	WiFi Programmable Thermostat	Programmable Thermostat - Central Control	Per Programmable Control	Existing	491.19	15	$	167	51%	564
Single	Heat Central	Thermostat - WiFi Programmable	WiFi Programmable Thermostat	Programmable Thermostat - Central Control	Per Programmable Control	New	424.43	15	$	167	90%	156
Single	Heat Central	Window - Upgrade	Code Window U-Factor = 0.35 (2009 IECC)	Existing Windows U-Factor	Per Window SqFt	Existing	8.15	20	$	25	24%	-
Single	Heat Central	Window - Upgrade	ENERGY STAR U-Factor = 0.30	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	Existing	2.26	20	$	8	73%	-
Single	Heat Central	Window - Upgrade	ENERGY STAR U-Factor = 0.30	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	New	2.26	20	$	8	82%	-
Single	Heat Central	Window - Upgrade	Smart Window U-Factor = 0.22	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	Existing	5.89	20	$	33	61%	-
Single	Heat Central	Window - Upgrade	Smart Window U-Factor = 0.22	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	New	5.89	20	$	33	68%	-
Single	Heat Pump	Attic Fan	Attic Fan For Summer Cooling	No Attic Fan with Central Cooling	Per Attic Fan	Existing	124.13	19	$	249	82%	-
Single	Heat Pump	Construction - ICF	Insulated Concrete Forms - Concrete	Standard Wood Framing	Per Building SqFt	New	0.87	40	$	3	67%	-
Single	Heat Pump	Construction - SIP	Structural Insulated Panels - Specialty Framing	Standard Wood Framing	Per Building SqFt	New	0.87	40	$	1	67%	1,978
Single	Heat Pump	Cool Roofs	Lighter Colored Shingles (White)	Standard Roof Shingles	Per Roof SqFT	Existing	0.06	20	$	0	45%	-
Single	Heat Pump	Cool Roofs	Lighter Colored Shingles (White)	Standard Roof Shingles	Per Roof SqFT	New	0.04	20	$	0	45%	-
Single	Heat Pump	Doors	ENERGY STAR Door (R-4.8)	Standard Code Door (R-2.9)	Per Door SqFt	Existing	3.27	20	$	1	61%	15
Single	Heat Pump	Doors	ENERGY STAR Door (R-4.8)	Standard Code Door (R-2.9)	Per Door SqFt	New	2.82	20	$	1	61%	9
Single	Heat Pump	Doors	Thermal Door (R-10)	Standard Code Door (R-2.9)	Per Door SqFt	Existing	5.87	20	$	3	76%	400
Single	Heat Pump	Doors	Thermal Door (R-10)	Standard Code Door (R-2.9)	Per Door SqFt	New	5.05	20	$	3	76%	283
Single	Heat Pump	Duct Sealing	4 CFM/100sqft of CFA	8 CFM/100sqft of CFA	Per Duct Sealing Installation	New	616.02	18	$	333	65%	830
Single	Heat Pump	Duct Sealing	4 CFM/100sqft of CFA	Existing CFM/100sqft of CFA	Per Duct Sealing Installation	Existing	2,095.71	18	$	960	33%	1,772
Single	Heat Pump	Duct Sealing	8 CFM/100sqft of CFA	Existing CFM/100sqft of CFA	Per Duct Sealing Installation	Existing	1,397.14	18	$	587	65%	1,753
Single	Heat Pump	ECM Motor - Air Source Heat Pump	Air Source Heat Pump ECM Fan	Standard Motor	Per ECM	Existing	469.05	15	$	200	62%	698
Single	Heat Pump	ECM Motor - Air Source Heat Pump	Air Source Heat Pump ECM Fan	Standard Motor	Per ECM	New	452.88	15	$	200	90%	879
Single	Heat Pump	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof sqft	New	0.45	30	$	13	88%	-
Single	Heat Pump	Heat Exchanger - Air-to-Air	Air-to-Air Heat Exchanger	No Air-to-Air Heat Exchanger	Per Heat Exchanger	Existing	2,794.27	18	$	1,085	75%	6,782
Single	Heat Pump	Heat Exchanger - Air-to-Air	Air-to-Air Heat Exchanger	No Air-to-Air Heat Exchanger	Per Heat Exchanger	New	2,464.08	18	$	1,085	75%	4,746
Single	Heat Pump	Heat Pump - Below Standard	Below Standard SEER 10 and HSPF 7.2	Below Standard SEER 10 and HSPF 7.2	Per Household	Existing	-	9	$	-	100%	-
Single	Heat Pump	Heat Pump - Below Standard	Below Standard SEER 10 and HSPF 7.2	Below Standard SEER 10 and HSPF 7.2	Per Household	New	-	9	$	-	100%	-
Single	Heat Pump	Heat Pump - CEE Tier 2	CEE Tier 2 SEER/EER 15/12.5 and HSPF 8.5	Federal Standard SEER 13 and HSPF 7.7	Per Household	Existing	1,299.28	18	$	822	100%	-
Single	Heat Pump	Heat Pump - CEE Tier 2	CEE Tier 2 SEER/EER 15/12.5 and HSPF 8.5	Federal Standard SEER 13 and HSPF 7.7	Per Household	New	1,129.39	18	$	822	100%	-
Single	Heat Pump	Heat Pump - ENERGY STAR	ENERGY STAR SEER/EER 14.5/12 and HSPF	Federal Standard SEER 13 and HSPF 7.7	Per Household	Existing	880.09	18	$	617	100%	-
Single	Heat Pump	Heat Pump - ENERGY STAR	ENERGY STAR SEER/EER 14.5/12 and HSPF	Federal Standard SEER 13 and HSPF 7.7	Per Household	New	754.58	18	$	617	100%	-
Single	Heat Pump	Heat Pump - Enhanced	Enhanced SEER/EER 16/13 and HSPF 9.0	Federal Standard SEER 13 and HSPF 7.7	Per Household	Existing	1,955.56	18	$	1,233	100%	1,642
Single	Heat Pump	Heat Pump - Enhanced	Enhanced SEER/EER 16/13 and HSPF 9.0	Federal Standard SEER 13 and HSPF 7.7	Per Household	New	1,710.33	18	$	1,233	100%	1,868
Single	Heat Pump	Heat Pump - Ground Source	GSHP ENERGY STAR EER 17.1 and 3.6 COP	Federal Standard SEER 13 and HSPF 7.7	Per Household	Existing	4,766.69	18	$	9,987	25%	-
Single	Heat Pump	Heat Pump - Ground Source	GSHP ENERGY STAR EER 17.1 and 3.6 COP	Federal Standard SEER 13 and HSPF 7.7	Per Household	New	4,248.63	18	$	10,109	25%	-
Single	Heat Pump	Heat Pump - Standard	Federal Standard SEER 13 and HSPF 7.7	Federal Standard SEER 13 and HSPF 7.7	Per Household	Existing	-	18	$	-	100%	-
Single	Heat Pump	Heat Pump - Standard	Federal Standard SEER 13 and HSPF 7.7	Federal Standard SEER 13 and HSPF 7.7	Per Household	New	-	18	$	-	100%	-
Single	Heat Pump	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	Existing	1,397.14	11	$	612	35%	1,029
Single	Heat Pump	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	New	800.83	11	$	612	64%	833
Single	Heat Pump	Infiltration Reduction	4.0 ACH50	7.0 ACH50	Per Building SqFt	New	0.54	11	$	0	42%	717
Single	Heat Pump	Infiltration Reduction	4.0 ACH50	Existing Infiltration (10 ACH50)	Per Building SqFt	Existing	1.23	11	$	0	19%	865
Single	Heat Pump	Infiltration Reduction	7.0 ACH50	Existing Infiltration (10 ACH50)	Per Building SqFt	Existing	0.62	11	$	0	63%	1,477
Single	Heat Pump	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-38 (To Code Zone 5)	Average Existing Insulation (R-15.7)	Per Insulated SqFt	Existing	0.77	20	$	1	23%	292
Single	Heat Pump	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (To Code Zone 6)	Average Existing Insulation (R-15.7)	Per Insulated SqFt	Existing	0.90	20	$	1	23%	328
Single	Heat Pump	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (Zone 5)	Code Insulation R-38 (Zone 5)	Per Insulated SqFt	Existing	0.13	20	$	0	45%	-
Single	Heat Pump	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (Zone 5)	Code Insulation R-38 (Zone 5)	Per Insulated SqFt	New	0.11	20	$	0	45%	-
Single	Heat Pump	Insulation - Basement Wall	Insulation Basement Wall (R-10 Zone 5)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	1.89	20	$	1	12%	259
Single	Heat Pump	Insulation - Basement Wall	Insulation Basement Wall (R-15 Zone 6)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	2.20	20	$	1	24%	639
Single	Heat Pump	Insulation - Duct	Insulation Duct (R-8)	No Duct Insulation	Per Duct Insulation Installation	Existing	569.20	20	$	596	71%	738

Single	Heat Pump	Insulation - Floor	Insulation Floor (R-30)	Average Existing Insulation (R-1.8)	Per Insulated SqFt	Existing	0.66	20	$ 1	57%	615
Single	Heat Pump	Insulation - Rim/Band Joist	Insulation Rim and Band Joist (R-10)	No Rim And Band Joist Insulation	Per Insulated SqFt	Existing	1.34	20	$ 1	16%	53
Single	Heat Pump	Insulation - Siding	Vinyl Siding with Foam Backing (R-3)	No Siding Insulation	Per Insulated SqFt	Existing	1.17	20	$ 1	14%	609
Single	Heat Pump	Insulation - Slab	Insulation Slab (R-15, 4ft)	Code Insulation (R-10, 4ft)	Per Insulated SqFt	New	0.30	20	$ 0	13%	61
Single	Heat Pump	Insulation - Wall	Insulation Wall (R-13)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	2.32	20	$ 1	3%	92
Single	Heat Pump	Insulation - Wall	Insulation Wall (R-20 or R-13 w/ R-5 sheathing)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	2.72	20	$ 1	2%	172
Single	Heat Pump	Insulation - Wall	Insulation Wall (R-21 + R-5 sheathing)	Code Insulation (R-20 or R-13 w/ R-5	Per Insulated SqFt	New	0.17	20	$ 0	90%	361
Single	Heat Pump	Quality Install Heat Pump	Quality Installation (QI)	Standard Installation	Per QI Install	Existing	1,612.96	5	$ 300	45%	1,471
Single	Heat Pump	Quality Install Heat Pump	Quality Installation (QI)	Standard Installation	Per QI Install	New	1,422.35	5	$ 300	45%	1,134
Single	Heat Pump	Radiant Barrier (Ceiling)	Radiant Barrier (Ceiling)	No Radiant Barrier	Per Radiant Barrier Install	Existing	1,426.24	30	$ 675	82%	4,144
Single	Heat Pump	Radiant Barrier (Ceiling)	Radiant Barrier (Ceiling)	No Radiant Barrier	Per Radiant Barrier Install	New	1,257.71	30	$ 480	82%	2,901
Single	Heat Pump	Solar Attic Fan	Solar Electric Attic Ventilation	Standard Passive Ventilation	Per Solar Fan	Existing	134.08	19	$ 331	49%	-
Single	Heat Pump	Solar Attic Fan	Solar Electric Attic Ventilation	Standard Passive Ventilation	Per Solar Fan	New	118.24	19	$ 331	49%	-
Single	Heat Pump	Thermostat - Multi-Zone	Individual Room Temperature Control for Major	Programmable Thermostat - Central Control	Per Programmable Control System	New	837.79	11	$ 895	86%	-
Single	Heat Pump	Thermostat - Programmable	Setback Thermostat 5-1-1, 5-2 or 7-Day	Manual Thermostat	Per Programmable Control	Existing	489.00	15	$ 33	48%	-
Single	Heat Pump	Thermostat - WiFi Programmable	WiFi Programmable Thermostat	Programmable Thermostat - Central Control	Per Programmable Control	Existing	490.40	15	$ 167	51%	250
Single	Heat Pump	Thermostat - WiFi Programmable	WiFi Programmable Thermostat	Programmable Thermostat - Central Control	Per Programmable Control	New	432.45	15	$ 167	90%	313
Single	Heat Pump	Tune-up - Air Source Heat Pump	Air Source Heat Pump Maintenance (Tune-up)	Unmaintained Air Source Heat Pump	Per Tune-up	Existing	969.26	5	$ 200	71%	1,326
Single	Heat Pump	Tune-up - Ground Source Heat Pump	Ground Source Heat Pump Maintenance (Tune-	Unmaintained Ground Source Heat Pump	Per Tune-up	Existing	698.57	5	$ 200	0%	2
Single	Heat Pump	Whole-House Fan	Whole-House Fan to Offset Central Cooling	No Whole-House Fan	Per House Fan	Existing	335.20	20	$ 366	48%	567
Single	Heat Pump	Whole-House Fan	Whole-House Fan to Offset Central Cooling	No Whole-House Fan	Per House Fan	New	295.59	20	$ 366	48%	397
Single	Heat Pump	Window - Film	Window Film (SHGC Reduction=45%)	No Window Film	Per Window SqFt	Existing	0.55	10	$ 5	76%	-
Single	Heat Pump	Window - Shade	Window Shade/Blind or Thermal Drapes	No Interior Shading Device	Per Window SqFt	Existing	0.37	3	$ 7	38%	-
Single	Heat Pump	Window - Upgrade	Code Window U-Factor = 0.35 (2009 IECC)	Existing Windows U-Factor	Per Window SqFt	Existing	4.32	20	$ 25	24%	-
Single	Heat Pump	Window - Upgrade	ENERGY STAR U-Factor = 0.30	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	Existing	1.20	20	$ 8	73%	-
Single	Heat Pump	Window - Upgrade	ENERGY STAR U-Factor = 0.30	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	New	1.10	20	$ 8	82%	-
Single	Heat Pump	Window - Upgrade	Smart Window U-Factor = 0.22	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	Existing	3.12	20	$ 33	61%	-
Single	Heat Pump	Window - Upgrade	Smart Window U-Factor = 0.22	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	New	2.86	20	$ 33	68%	-
Single	Heat Room	Construction - ICF	Insulated Concrete Forms - Concrete	Standard Wood Framing	Per Building SqFt	New	0.66	40	$ 3	67%	-
Single	Heat Room	Construction - SIP	Structural Insulated Panels - Specialty Framing	Standard Wood Framing	Per Building SqFt	New	0.66	40	$ 1	67%	-
Single	Heat Room	Doors	ENERGY STAR Door (R-4.8)	Standard Code Door (R-2.9)	Per Door SqFt	Existing	1.54	20	$ 1	61%	236
Single	Heat Room	Doors	ENERGY STAR Door (R-4.8)	Standard Code Door (R-2.9)	Per Door SqFt	New	1.54	20	$ 1	61%	-
Single	Heat Room	Doors	Thermal Door (R-10)	Standard Code Door (R-2.9)	Per Door SqFt	Existing	2.77	20	$ 3	76%	-
Single	Heat Room	Doors	Thermal Door (R-10)	Standard Code Door (R-2.9)	Per Door SqFt	New	2.77	20	$ 3	76%	-
Single	Heat Room	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof sqft	New	0.08	30	$ 13	88%	-
Single	Heat Room	Heat Pump - Ductless Mini-Split	ENERGY STAR 14.5 SEER, 8.2 HSPF	Electric Baseboard Heating	Per Ductless Heat Pump	Existing	3,905.59	15	$ 4,092	38%	-
Single	Heat Room	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	Existing	1,077.54	11	$ 612	35%	-
Single	Heat Room	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	New	605.20	11	$ 612	64%	-
Single	Heat Room	Infiltration Reduction	4.0 ACH50	7.0 ACH50	Per Building SqFt	New	0.41	11	$ 0	42%	-
Single	Heat Room	Infiltration Reduction	4.0 ACH50	Existing Infiltration (10 ACH50)	Per Building SqFt	Existing	0.95	11	$ 0	19%	1,812
Single	Heat Room	Infiltration Reduction	7.0 ACH50	Existing Infiltration (10 ACH50)	Per Building SqFt	Existing	0.47	11	$ 0	63%	2,993
Single	Heat Room	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-38 (To Code Zone 5)	Average Existing Insulation (R-15.7)	Per Insulated SqFt	Existing	0.36	20	$ 1	23%	-
Single	Heat Room	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (To Code Zone 6)	Average Existing Insulation (R-15.7)	Per Insulated SqFt	Existing	0.43	20	$ 1	23%	-
Single	Heat Room	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (Zone 5)	Code Insulation R-38 (Zone 5)	Per Insulated SqFt	Existing	0.06	20	$ 0	45%	-
Single	Heat Room	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (Zone 5)	Code Insulation R-38 (Zone 5)	Per Insulated SqFt	New	0.06	20	$ 0	45%	-
Single	Heat Room	Insulation - Basement Wall	Insulation Basement Wall (R-10 Zone 5)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	1.06	20	$ 1	12%	-
Single	Heat Room	Insulation - Basement Wall	Insulation Basement Wall (R-15 Zone 6)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	1.23	20	$ 1	24%	-
Single	Heat Room	Insulation - Floor	Insulation Floor (R-30)	Average Existing Insulation (R-1.8)	Per Insulated SqFt	Existing	0.31	20	$ 1	57%	-
Single	Heat Room	Insulation - Rim/Band Joist	Insulation Rim and Band Joist (R-10)	No Rim And Band Joist Insulation	Per Insulated SqFt	Existing	0.63	20	$ 1	16%	-
Single	Heat Room	Insulation - Siding	Vinyl Siding with Foam Backing (R-3)	No Siding Insulation	Per Insulated SqFt	Existing	0.55	20	$ 1	14%	-
Single	Heat Room	Insulation - Slab	Insulation Slab (R-15, 4ft)	Code Insulation (R-10, 4ft)	Per Insulated SqFt	New	0.20	20	$ 0	13%	-
Single	Heat Room	Insulation - Wall	Insulation Wall (R-13)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	1.09	20	$ 1	3%	-
Single	Heat Room	Insulation - Wall	Insulation Wall (R-20 or R-13 w/ R-5 sheathing)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	1.28	20	$ 1	2%	-
Single	Heat Room	Insulation - Wall	Insulation Wall (R-21 + R-5 sheathing)	Code Insulation (R-20 or R-13 w/ R-5	Per Insulated SqFt	New	0.09	20	$ 0	90%	-
Single	Heat Room	Radiant Barrier (Ceiling)	Radiant Barrier (Ceiling)	No Radiant Barrier	Per Radiant Barrier Install	Existing	215.51	30	$ 675	82%	-
Single	Heat Room	Radiant Barrier (Ceiling)	Radiant Barrier (Ceiling)	No Radiant Barrier	Per Radiant Barrier Install	New	186.22	30	$ 480	82%	-
Single	Heat Room	Room Heat - Standard	Standard Room Heat	Standard Room Heat	Per Household	Existing	-	10	$ -	100%	-
Single	Heat Room	Room Heat - Standard	Standard Room Heat	Standard Room Heat	Per Household	New	-	10	$ -	100%	-
Single	Heat Room	Window - Upgrade	Code Window U-Factor = 0.35 (2009 IECC)	Existing Windows U-Factor	Per Window SqFt	Existing	2.04	20	$ 25	24%	-
Single	Heat Room	Window - Upgrade	ENERGY STAR U-Factor = 0.30	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	Existing	0.57	20	$ 8	73%	-
Single	Heat Room	Window - Upgrade	ENERGY STAR U-Factor = 0.30	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	New	0.57	20	$ 8	82%	-
Single	Heat Room	Window - Upgrade	Smart Window U-Factor = 0.22	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	Existing	1.47	20	$ 33	61%	-
Single	Heat Room	Window - Upgrade	Smart Window U-Factor = 0.22	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	New	1.47	20	$ 33	68%	-

Single	Home Audio	Home Audio System - ENERGY STAR	ENERGY STAR Home Audio System	Standard Home Audio System	Per Unit	Existing	22.00	7	$ 20	100%	-
Single	Home Audio	Home Audio System - ENERGY STAR	ENERGY STAR Home Audio System	Standard Home Audio System	Per Unit	New	22.00	7	$ 20	100%	-
Single	Home Audio	Home Audio System - Standard	Standard Home Audio System	Standard Home Audio System	Per Unit	Existing	-	7	$ -	100%	-
Single	Home Audio	Home Audio System - Standard	Standard Home Audio System	Standard Home Audio System	Per Unit	New	-	7	$ -	100%	-
Single	Lighting	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	Existing	17.02	11	$ 612	35%	-
Single	Lighting	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	New	17.02	11	$ 612	64%	-
Single	Lighting	Lighitng Controls - Daylighting Controls	Lighitng Controls - Daylighting Controls	No Daylighting Controls	Per Photocell Control	Existing	17.02	10	$ 64	25%	-
Single	Lighting	Lighitng Controls - Daylighting Controls	Lighitng Controls - Daylighting Controls	No Daylighting Controls	Per Photocell Control	New	17.02	10	$ 64	25%	-
Single	Lighting	Lighting - CFL	Exterior - CFL	EISA Standard	Per Lamp	Existing	35.65	3	$ 4	100%	-
Single	Lighting	Lighting - CFL	Exterior - CFL	EISA Standard	Per Lamp	New	35.65	3	$ 4	100%	-
Single	Lighting	Lighting - EISA Backstop	Exterior - EISA Backstop	EISA Standard	Per Lamp	Existing	32.76	2	$ -	100%	-
Single	Lighting	Lighting - EISA Backstop	Exterior - EISA Backstop	EISA Standard	Per Lamp	New	32.76	2	$ -	100%	-
Single	Lighting	Lighting - EISA Standard	Exterior - EISA Standard	EISA Standard	Per Lamp	Existing	-	2	$ -	100%	-
Single	Lighting	Lighting - EISA Standard	Exterior - EISA Standard	EISA Standard	Per Lamp	New	-	2	$ -	100%	-
Single	Lighting	Lighting - Incandescent	Exterior - Incandescent	Incandescent	Per Lamp	Existing	-	2	$ -	100%	-
Single	Lighting	Lighting - Incandescent	Exterior - Incandescent	Incandescent	Per Lamp	New	-	2	$ -	100%	-
Single	Lighting	Lighting - LED	Exterior - LED	EISA Standard	Per Lamp	Existing	51.25	12	$ 37	100%	14,836
Single	Lighting	Lighting - LED	Exterior - LED	EISA Standard	Per Lamp	New	51.25	12	$ 37	100%	1,009
Single	Lighting	LED Christmas Lighting	LED Christmas Lighting	Incandescent Christmas Lighting	Per LED String	Existing	6.08	5	$ 19	82%	-
Single	Lighting	LED Christmas Lighting	LED Christmas Lighting	Incandescent Christmas Lighting	Per LED String	New	6.08	5	$ 19	82%	-
Single	Lighting	Lighting - CFL	Interior Specialty - CFL	EISA Standard	Per Lamp	Existing	31.97	6	$ 6	65%	52,174
Single	Lighting	Lighting - CFL	Interior Specialty - CFL	EISA Standard	Per Lamp	New	31.97	6	$ 6	65%	3,754
Single	Lighting	Lighting - Incandescent	Interior Specialty - Incandescent	Incandescent	Per Lamp	Existing	-	2	$ -	100%	-
Single	Lighting	Lighting - Incandescent	Interior Specialty - Incandescent	Incandescent	Per Lamp	New	-	2	$ -	100%	-
Single	Lighting	Lighting - LED	Interior Specialty - LED	EISA Standard	Per Lamp	Existing	37.05	12	$ 29	50%	88,422
Single	Lighting	Lighting - LED	Interior Specialty - LED	EISA Standard	Per Lamp	New	37.05	12	$ 29	50%	5,754
Single	Lighting	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	Existing	83.40	11	$ 612	35%	-
Single	Lighting	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	New	83.40	11	$ 612	64%	-
Single	Lighting	Lighitng Controls - Daylighting Controls	Lighitng Controls - Daylighting Controls	No Daylighting Controls	Per Photocell Control	Existing	16.68	10	$ 64	14%	-
Single	Lighting	Lighitng Controls - Daylighting Controls	Lighitng Controls - Daylighting Controls	No Daylighting Controls	Per Photocell Control	New	16.68	10	$ 64	14%	-
Single	Lighting	Lighting - CFL	Interior Standard - CFL	EISA Standard	Per Lamp	Existing	15.93	5	$ (0)	100%	-
Single	Lighting	Lighting - CFL	Interior Standard - CFL	EISA Standard	Per Lamp	New	15.93	5	$ (0)	100%	-
Single	Lighting	Lighting - EISA Backstop	Interior Standard - EISA Backstop	EISA Standard	Per Lamp	Existing	14.49	2	$ -	100%	-
Single	Lighting	Lighting - EISA Backstop	Interior Standard - EISA Backstop	EISA Standard	Per Lamp	New	14.49	2	$ -	100%	-
Single	Lighting	Lighting - EISA Standard	Interior Standard - EISA Standard	EISA Standard	Per Lamp	Existing	-	2	$ -	100%	-
Single	Lighting	Lighting - EISA Standard	Interior Standard - EISA Standard	EISA Standard	Per Lamp	New	-	2	$ -	100%	-
Single	Lighting	Lighting - Incandescent	Interior Standard - Incandescent	Incandescent	Per Lamp	Existing	-	2	$ -	100%	-
Single	Lighting	Lighting - Incandescent	Interior Standard - Incandescent	Incandescent	Per Lamp	New	-	2	$ -	100%	-
Single	Lighting	Lighting - LED	Interior Standard - LED	EISA Standard	Per Lamp	Existing	22.66	12	$ 25	100%	73,013
Single	Lighting	Lighting - LED	Interior Standard - LED	EISA Standard	Per Lamp	New	22.66	12	$ 25	100%	5,022
Single	Lighting	Lighting Controls - Occupancy Sensors	Wall-Switch Occupancy Sensors	No Occupancy Sensor	Per Occupancy Sensor	Existing	31.27	10	$ 57	17%	-
Single	Lighting	Lighting Controls - Occupancy Sensors	Wall-Switch Occupancy Sensors	No Occupancy Sensor	Per Occupancy Sensor	New	31.27	10	$ 57	17%	-
Single	Microwave	Microwave - Standard	Standard Microwave	Standard Microwave	Per Unit	Existing	-	10	$ -	100%	-
Single	Microwave	Microwave - Standard	Standard Microwave	Standard Microwave	Per Unit	New	-	10	$ -	100%	-
Single	Monitor	Monitor - Home Office ENERGY STAR	ENERGY STAR Office Monitor	Standard Office Monitor	Per Unit	Existing	14.19	5	$ -	100%	-
Single	Monitor	Monitor - Home Office ENERGY STAR	ENERGY STAR Office Monitor	Standard Office Monitor	Per Unit	New	14.19	5	$ -	100%	-
Single	Monitor	Monitor - Home Office Standard	Standard Office Monitor	Standard Office Monitor	Per Unit	Existing	-	5	$ -	100%	-
Single	Monitor	Monitor - Home Office Standard	Standard Office Monitor	Standard Office Monitor	Per Unit	New	-	5	$ -	100%	-
Single	Other Plug	DVD System - ENERGY STAR	ENERGY STAR DVD System	Standard DVD System	Per Unit	Existing	18.54	3	$ 1	100%	8,113
Single	Other Plug	DVD System - ENERGY STAR	ENERGY STAR DVD System	Standard DVD System	Per Unit	New	18.54	3	$ 1	100%	563
Single	Other Plug	DVD System - Standard	Standard DVD System	Standard DVD System	Per Unit	Existing	-	3	$ -	100%	-
Single	Other Plug	DVD System - Standard	Standard DVD System	Standard DVD System	Per Unit	New	-	3	$ -	100%	-
Single	Plug Load	Battery Chargers	Energy Star Battery Chargers	Standard Battery Chargers	Per Battary Charger	Existing	12.16	3	$ 5	36%	-
Single	Plug Load	Battery Chargers	Energy Star Battery Chargers	Standard Battery Chargers	Per Battary Charger	New	12.16	3	$ 5	36%	-
Single	Plug Load	Ceiling Fans	ENERGY STAR Ceiling Fans with Light Kit	Standard Ceiling Fan	Per Ceiling Fan	Existing	65.65	10	$ 120	51%	-
Single	Plug Load	Ceiling Fans	ENERGY STAR Ceiling Fans with Light Kit	Standard Ceiling Fan	Per Ceiling Fan	New	65.65	10	$ 120	51%	-
Single	Plug Load	Ceiling Fans	ENERGY STAR Ceiling Fans without Light Kit	Standard Ceiling Fan	Per Ceiling Fan	Existing	4.33	10	$ 1	51%	814
Single	Plug Load	Ceiling Fans	ENERGY STAR Ceiling Fans without Light Kit	Standard Ceiling Fan	Per Ceiling Fan	New	4.33	10	$ 1	51%	56
Single	Plug Load	Cordless Phone - ENERGY STAR	ENERGY STAR Cordless Phone	Standard Cordless Phone	Per Cordless Phone	Existing	25.60	5	$ 1	29%	2,778
Single	Plug Load	Cordless Phone - ENERGY STAR	ENERGY STAR Cordless Phone	Standard Cordless Phone	Per Cordless Phone	New	25.60	5	$ 1	29%	189
Single	Plug Load	Home Office - Server	ENERGY STAR Home Server	Standard Office Server	Per Home Server	Existing	24.87	4	$ 9	4%	-
Single	Plug Load	Home Office - Server	ENERGY STAR Home Server	Standard Office Server	Per Home Server	New	24.87	4	$ 9	4%	-
Single	Plug Load	Plug Load - Other	Plug Load Other	Plug Load Other	Per Household	Existing	-	5	$ -	100%	-

Single	Plug Load	Plug Load - Other	Plug Load Other	Plug Load Other	Per Household	New	-	5	$ -	100%	-
Single	Plug Load	Smart Strip	Smart Strip	Standard Power Strip	Per Smart Strip	Existing	100.00	5	$ 22	62%	22,912
Single	Plug Load	Smart Strip	Smart Strip	Standard Power Strip	Per Smart Strip	New	100.00	5	$ 22	62%	1,562
Single	Plug Load	Snow Melt System Control	Snow Melt System Control	Manual Control	Per Snow Melt Control	Existing	368.35	25	$ 3,318	0%	-
Single	Plug Load	Snow Melt System Control	Snow Melt System Control	Manual Control	Per Snow Melt Control	New	368.35	25	$ 3,318	0%	-
Single	Pool Pump	Pool Pump - Standard Constant Speed	Constant Speed Pool Pump	Constant Speed Pool Pump	Per Household	Existing	-	10	$ -	100%	-
Single	Pool Pump	Pool Pump - Standard Constant Speed	Constant Speed Pool Pump	Constant Speed Pool Pump	Per Household	New	-	10	$ -	100%	-
Single	Pool Pump	Pool Pump Timers	Pool Pump Timers	Pool Pump No Timers	Per Pool Pump Timer	Existing	291.30	10	$ 89	64%	714
Single	Pool Pump	Pool Pumps - 2-Speed	Pool Pumps (2-Speed)	Constant Speed Pool Pump	Per Household	Existing	660.00	10	$ 165	100%	-
Single	Pool Pump	Pool Pumps - 2-Speed	Pool Pumps (2-Speed)	Constant Speed Pool Pump	Per Household	New	660.00	10	$ 165	100%	-
Single	Pool Pump	Pool Pumps - VSD	Pool Pumps (VSD)	Constant Speed Pool Pump	Per Household	Existing	1,080.00	10	$ 695	100%	4,605
Single	Pool Pump	Pool Pumps - VSD	Pool Pumps (VSD)	Constant Speed Pool Pump	Per Household	New	1,080.00	10	$ 695	100%	528
Single	Printer	Printer - Home Office ENERGY STAR	ENERGY STAR Office Printer	Standard Printer	Per Unit	Existing	32.21	5	$ 13	100%	-
Single	Printer	Printer - Home Office ENERGY STAR	ENERGY STAR Office Printer	Standard Printer	Per Unit	New	32.21	5	$ 13	100%	-
Single	Printer	Printer - Standard	Standard Printer	Standard Printer	Per Unit	Existing	-	5	$ -	100%	-
Single	Printer	Printer - Standard	Standard Printer	Standard Printer	Per Unit	New	-	5	$ -	100%	-
Single	Refrigerator	Refrigerator - Below Standard	Below Standard Refrigerator	Below Standard Refrigerator	Per Unit	Existing	-	7	$ -	100%	-
Single	Refrigerator	Refrigerator - Below Standard	Below Standard Refrigerator	Below Standard Refrigerator	Per Unit	New	-	7	$ -	100%	-
Single	Refrigerator	Refrigerator - CEE Tier 2	CEE Tier 2 Refrigerator	Standard Refrigerator - Federal Standard 2001	Per Unit	Existing	142.20	13	$ 430	100%	-
Single	Refrigerator	Refrigerator - CEE Tier 2	CEE Tier 2 Refrigerator	Standard Refrigerator - Federal Standard 2001	Per Unit	New	142.20	13	$ 430	100%	-
Single	Refrigerator	Refrigerator - CEE Tier 3	CEE Tier 3 Refrigerator	Standard Refrigerator - Federal Standard 2001	Per Unit	Existing	170.65	13	$ 581	100%	-
Single	Refrigerator	Refrigerator - CEE Tier 3	CEE Tier 3 Refrigerator	Standard Refrigerator - Federal Standard 2001	Per Unit	New	170.65	13	$ 581	100%	-
Single	Refrigerator	Refrigerator - ENERGY STAR	ENERGY STAR Refrigerator	Standard Refrigerator - Federal Standard 2001	Per Unit	Existing	113.76	13	$ 251	100%	-
Single	Refrigerator	Refrigerator - ENERGY STAR	ENERGY STAR Refrigerator	Standard Refrigerator - Federal Standard 2001	Per Unit	New	113.76	13	$ 251	100%	-
Single	Refrigerator	Refrigerator - Federal Standard	Federal Standard In 2014 (NAECA)	Standard Refrigerator - Federal Standard 2001	Per Unit	Existing	56.45	13	$ 125	100%	-
Single	Refrigerator	Refrigerator - Federal Standard	Federal Standard In 2014 (NAECA)	Standard Refrigerator - Federal Standard 2001	Per Unit	New	56.45	13	$ 125	100%	-
Single	Refrigerator	Refrigerator - Standard 2001	Standard Refrigerator - Federal Standard 2001	Standard Refrigerator - Federal Standard 2001	Per Unit	Existing	-	13	$ -	100%	-
Single	Refrigerator	Refrigerator - Standard 2001	Standard Refrigerator - Federal Standard 2001	Standard Refrigerator - Federal Standard 2001	Per Unit	New	-	13	$ -	100%	-
Single	Refrigerator	Removal of Secondary	Proper Disposal of Refrigerator/Freezer Combo	Existing Non-Efficient Refrigerator/Freezer	Per Recyled Unit	Existing	1,140.00	5	$ 30	3%	18,049
Single	Set Top Box	Digital Set Top Receiver - ENERGY	ENERGY STAR Digital Set Top Receiver	Standard Digital Set Top Receiver	Per Unit	Existing	164.69	5	$ 12	100%	42,149
Single	Set Top Box	Digital Set Top Receiver - ENERGY	ENERGY STAR Digital Set Top Receiver	Standard Digital Set Top Receiver	Per Unit	New	164.69	5	$ 12	100%	3,220
Single	Set Top Box	Digital Set Top Receiver - Standard	Standard Digital Set Top Receiver	Standard Digital Set Top Receiver	Per Unit	Existing	-	5	$ -	100%	-
Single	Set Top Box	Digital Set Top Receiver - Standard	Standard Digital Set Top Receiver	Standard Digital Set Top Receiver	Per Unit	New	-	5	$ -	100%	-
Single	Television	TV - ENERGY STAR	ENERGY STAR TV	Standard TV	Per Unit	Existing	118.67	5	$ 55	100%	-
Single	Television	TV - ENERGY STAR	ENERGY STAR TV	Standard TV	Per Unit	New	118.67	5	$ 55	100%	-
Single	Television	TV - Standard	Standard TV	Standard TV	Per Unit	Existing	-	5	$ -	100%	-
Single	Television	TV - Standard	Standard TV	Standard TV	Per Unit	New	-	5	$ -	100%	-
Single	Ventilation	ECM Motor - Air	Air Conditioner/Electric/Gas Furnace ECM Fan	Standard Motor	Per ECM	Existing	469.05	15	$ 200	62%	107,178
Single	Ventilation	ECM Motor - Air	Air Conditioner/Electric/Gas Furnace ECM Fan	Standard Motor	Per ECM	New	452.88	15	$ 200	90%	11,199
Single	Ventilation	Motor - Standard	Standard Motor - Ventilation And Circulation	Standard Motor	Per Household	Existing	-	20	$ -	100%	-
Single	Ventilation	Motor - Standard	Standard Motor - Ventilation And Circulation	Standard Motor	Per Household	New	-	20	$ -	100%	-
Single	Water Heat	Clothes Washer	Clothes Washer Enhanced Efficiency MEF =	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	649.13	11	$ 790	83%	-
Single	Water Heat	Clothes Washer	Clothes Washer Enhanced Efficiency MEF =	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	649.13	11	$ 790	83%	-
Single	Water Heat	Clothes Washer	Clothes Washer CEE Tier 2 MEF = 2.2 and WF	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	467.29	11	$ 392	80%	-
Single	Water Heat	Clothes Washer	Clothes Washer CEE Tier 2 MEF = 2.2 and WF	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	467.29	11	$ 392	80%	-
Single	Water Heat	Clothes Washer	Clothes Washer CEE Tier 3 MEF = 2.4 and WF	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	519.48	11	$ 565	80%	-
Single	Water Heat	Clothes Washer	Clothes Washer CEE Tier 3 MEF = 2.4 and WF	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	519.48	11	$ 565	80%	-
Single	Water Heat	Clothes Washer	Clothes Washer ENERGY STAR MEF = 2.0 and	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	404.65	11	$ 135	73%	19,878
Single	Water Heat	Clothes Washer	Clothes Washer ENERGY STAR MEF = 2.0 and	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	404.65	11	$ 135	73%	1,141
Single	Water Heat	Clothes Washer	Steam Clothes Washer	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	649.44	11	$ 790	83%	-
Single	Water Heat	Clothes Washer	Steam Clothes Washer	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	649.44	11	$ 790	83%	-
Single	Water Heat	Desuperheaters - Air Conditioner	Add-on Desuperheaters to Air Conditioner	No Desuperheater	Per Desuperheater	Existing	350.67	10	$ 600	55%	-
Single	Water Heat	Desuperheaters - Air Source Heat	Add-on Desuperheaters to Air Source Heat	No Desuperheater	Per Desuperheater	Existing	701.34	10	$ 600	1%	-
Single	Water Heat	Desuperheaters - Ground Source Heat	Add-on Desuperheaters to Ground Source Heat	No Desuperheater	Per Desuperheater	Existing	701.34	10	$ 600	0%	-
Single	Water Heat	Dishwasher	Dishwasher Enhanced Efficiency (EF 1.00) 200	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	Existing	155.00	11	$ 1,067	54%	-
Single	Water Heat	Dishwasher	Dishwasher Enhanced Efficiency (EF 1.00) 200	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	New	155.00	11	$ 1,067	54%	-
Single	Water Heat	Dishwasher	ENERGY STAR 295 kWh/yr and 4.25	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	Existing	60.00	11	$ 272	18%	-
Single	Water Heat	Dishwasher	ENERGY STAR 295 kWh/yr and 4.25	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	New	60.00	11	$ 272	18%	-
Single	Water Heat	Drain-Water Heat Recovery	Drain-Water Heat Recovery	No Drain Water Heat Recovery	Per Drain-Water Heat Recovery System	Existing	820.57	40	$ 936	27%	11,785
Single	Water Heat	Drain-Water Heat Recovery	Drain-Water Heat Recovery	No Drain Water Heat Recovery	Per Drain-Water Heat Recovery System	New	773.74	40	$ 936	68%	1,611
Single	Water Heat	Faucet Aerators	0.5 GPM	2.2 GPM (Federal Code)	Per Faucet Aerator	Existing	113.17	10	$ 2	85%	6,481
Single	Water Heat	Faucet Aerators	0.5 GPM	2.2 GPM (Federal Code)	Per Faucet Aerator	New	107.78	10	$ 2	90%	373
Single	Water Heat	Faucet Aerators	1.5 GPM	2.2 GPM (Federal Code)	Per Faucet Aerator	Existing	46.60	10	$ 1	26%	43

Single	Water Heat	Faucet Aerators	1.5 GPM	2.2 GPM (Federal Code)	Per Faucet Aerator	New	44.38	10	$	1	28%	-
Single	Water Heat	Faucet Aerators	2.0 GPM	2.2 GPM (Federal Code)	Per Faucet Aerator	Existing	13.31	10	$	1	14%	-
Single	Water Heat	Faucet Aerators	2.0 GPM	2.2 GPM (Federal Code)	Per Faucet Aerator	New	12.68	10	$	1	15%	-
Single	Water Heat	Faucet Aerators	2.2 GPM (Federal Code)	Existing Faucet Aerator GPM	Per Faucet Aerator	Existing	53.26	10	$	3	9%	325
Single	Water Heat	Hot Tub Covers	Hot Tub Covers R-21	Existing Cover R-10	Per Hot Tub Cover	Existing	172.07	6	$	524	1%	-
Single	Water Heat	Low-Flow Showerheads	1.5 GPM - Showerhead	2.5 GPM (Federal Code)	Per Showerhead	Existing	222.13	10	$	8	80%	12,006
Single	Water Heat	Low-Flow Showerheads	1.5 GPM - Showerhead	2.5 GPM (Federal Code)	Per Showerhead	New	211.55	10	$	8	80%	656
Single	Water Heat	Low-Flow Showerheads	2.0 GPM - Showerhead	2.5 GPM (Federal Code)	Per Showerhead	Existing	111.07	10	$	13	38%	148
Single	Water Heat	Low-Flow Showerheads	2.0 GPM - Showerhead	2.5 GPM (Federal Code)	Per Showerhead	New	105.78	10	$	13	38%	8
Single	Water Heat	Low-Flow Showerheads	2.5 GPM (Federal Code)	Existing Showerhead GPM	Per Showerhead	Existing	111.07	10	$	24	23%	1,742
Single	Water Heat	Solar Hot Water (SHW)	Solar Thermal Collector	Standard Storage Hot Water Heater	Per Solar Water System	Existing	1,753.35	15	$	6,238	15%	-
Single	Water Heat	Solar Hot Water (SHW)	Solar Thermal Collector	Standard Storage Hot Water Heater	Per Solar Water System	New	1,653.30	15	$	4,878	15%	-
Single	Water Heat	Water Heater - Below Standard	EF = 0.88 Below Standard Water Heater	EF = 0.88 Below Standard Water Heater	Per Unit	Existing	-	7	$	-	100%	-
Single	Water Heat	Water Heater - Below Standard	EF = 0.88 Below Standard Water Heater	EF = 0.88 Below Standard Water Heater	Per Unit	New	-	7	$	-	100%	-
Single	Water Heat	Water Heater - Heat Pump	Heat Pump Water Heater ENERGY STAR EF =	EF = 0.92 Federal Standard 2001	Per Unit	Existing	1,884.53	13	$	1,281	60%	43,598
Single	Water Heat	Water Heater - Heat Pump	Heat Pump Water Heater ENERGY STAR EF =	EF = 0.92 Federal Standard 2001	Per Unit	New	1,794.79	13	$	1,281	60%	3,960
Single	Water Heat	Water Heater - Pipe Insulation	Hot Water Pipe Insulation (R-4)	No Pipe Insulation	Per Pipe Insulation	Existing	69.31	13	$	6	36%	1,485
Single	Water Heat	Water Heater - Pipe Insulation	Hot Water Pipe Insulation (R-4)	No Pipe Insulation	Per Pipe Insulation	New	69.31	13	$	6	43%	103
Single	Water Heat	Water Heater - Storage 2001 Standard	EF = 0.92 Federal Standard 2001	EF = 0.92 Federal Standard 2001	Per Unit	Existing	-	13	$	-	100%	-
Single	Water Heat	Water Heater - Storage 2001 Standard	EF = 0.92 Federal Standard 2001	EF = 0.92 Federal Standard 2001	Per Unit	New	-	13	$	-	100%	-
Single	Water Heat	Water Heater - Storage 2015 Standard	Water Heater - Storage Federal Standard April	EF = 0.92 Federal Standard 2001	Per Unit	Existing	113.09	13	$	43	100%	-
Single	Water Heat	Water Heater - Storage 2015 Standard	Water Heater - Storage Federal Standard April	EF = 0.92 Federal Standard 2001	Per Unit	New	107.71	13	$	43	100%	-
Single	Water Heat	Water Heater - Tank Blanket/Insulation	Install Insulation (R-11)	No Tank Insulation	Per Tank Wrap	Existing	227.93	13	$	18	14%	1,982
Single	Water Heat	Water Heater - Tankless	Tankless EF= 0.98	EF = 0.92 Federal Standard 2001	Per Unit	Existing	223.06	20	$	261	0%	-
Single	Water Heat	Water Heater - Tankless	Tankless EF= 0.98	EF = 0.92 Federal Standard 2001	Per Unit	New	212.44	20	$	261	0%	-
Single	Water Heat	Water Heater - Thermostat Setback	120 Degrees	135 Degrees	Per Set-Back	Existing	670.07	4	$	10	13%	5,403
Single	Water Heat	Water Heater - Thermostat Setback	120 Degrees	135 Degrees	Per Set-Back	New	631.83	4	$	10	13%	292

Total Residential Electric 1,497,812

Segment	End Use	Measure Name	Measure Description	Baseline Description	Unit Description	Construction Vintage	Savings per Unit (kWh)	Measure Life	Incrmental Cost per Unit	Measure Applicability	2023 Economic Potential (MWh)
Convenienc	Computers	Computer - ENERGY STAR	ENERGY STAR Computer	Standard Computer	Per Building SqFt	Existing	0.03	4	$ 0.01	100%	152
Convenienc	Computers	Computer - ENERGY STAR	ENERGY STAR Computer	Standard Computer	Per Building SqFt	New	0.03	4	$ 0.01	100%	9
Convenienc	Computers	Computer - Standard	Standard Computer	Standard Computer	Per Building SqFt	Existing	-	4	$ -	100%	-
Convenienc	Computers	Computer - Standard	Standard Computer	Standard Computer	Per Building SqFt	New	-	4	$ -	100%	-
Convenienc	Cooking	Convection Oven	ENERGY STAR Convection Oven	Standard Oven	Per Convection Oven	Existing	7.51	15	$ 1,650.00	75%	-
Convenienc	Cooking	Convection Oven	ENERGY STAR Convection Oven	Standard Oven	Per Convection Oven	New	7.74	15	$ 1,650.00	75%	-
Convenienc	Cooking	Cooking - Standard Equipment	Standard Cooking Equipment	Standard Cooking Equipment	Per Building SqFt	Existing	-	12	$ -	100%	-
Convenienc	Cooking	Cooking - Standard Equipment	Standard Cooking Equipment	Standard Cooking Equipment	Per Building SqFt	New	-	12	$ -	100%	-
Convenienc	Cooking	Fryer	ENERGY STAR Fryer	Standard	Per Fryer	Existing	3.30	12	$ 1,271.00	25%	-
Convenienc	Cooking	Fryer	ENERGY STAR Fryer	Standard	Per Fryer	New	3.40	12	$ 1,271.00	25%	-
Convenienc	Cooking	Hot Food Holding Cabinets	ENERGY STAR Qualified (< 40 watts/cubic foot)	Standard Equipment	Per Hot Food Holding Cabinet	Existing	22.51	12	$ 1,500.00	30%	-
Convenienc	Cooking	Hot Food Holding Cabinets	ENERGY STAR Qualified (< 40 watts/cubic foot)	Standard Equipment	Per Hot Food Holding Cabinet	New	23.18	12	$ 1,500.00	30%	-
Convenienc	Cooking	Steam Cooker	ENERGY STAR Steam Cooker	Standard	Per Steam Cooker	Existing	54.47	12	$ 1,500.00	11%	-
Convenienc	Cooking	Steam Cooker	ENERGY STAR Steam Cooker	Standard	Per Steam Cooker	New	56.11	12	$ 1,500.00	11%	-
Convenienc	Cooling DX	Advanced Control Technology	Advanced Control Technologies for Packaged	Standard Controls	Per 5 Tons of Cooling	Existing	788.35	15	$ 4,920.00	15%	-
Convenienc	Cooling DX	Commissioning	Commissioning/QI - New Installation	No Commissioning	Per SqFt	New	0.41	7	$ 1.16	90%	-
Convenienc	Cooling DX	Cool Roofs	ENERGY STAR Cool Roof - Reflect Material	Standard Roof	Per Roof Area SqFt	Existing	0.41	15	$ 0.68	34%	417
Convenienc	Cooling DX	Cool Roofs	ENERGY STAR Cool Roof - Reflect Material	Standard Roof	Per Roof Area SqFt	New	0.32	15	$ 0.68	34%	-
Convenienc	Cooling DX	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	Existing	1,503.44	5	$ 3,122.28	9%	-
Convenienc	Cooling DX	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	New	1,161.91	5	$ 2,001.75	9%	-
Convenienc	Cooling DX	Direct Digital Control System-	DDC Retrofit - EMS Upgrade	Pneumatic	Per Building	Existing	2,255.15	5	$ 2,986.28	2%	-
Convenienc	Cooling DX	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	Existing	24.79	20	$ 477.04	76%	-
Convenienc	Cooling DX	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	New	24.79	20	$ 477.04	76%	-
Convenienc	Cooling DX	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	Existing	11.02	20	$ 60.58	62%	7
Convenienc	Cooling DX	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	New	11.02	20	$ 60.58	62%	0
Convenienc	Cooling DX	Duct Repair And Sealing	Reduction In Duct Losses to 5%	No Repair or Sealing, 15% duct losses	Per Building SqFt	Existing	0.12	18	$ 0.24	38%	141
Convenienc	Cooling DX	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	Existing	676.55	10	$ 5,450.00	4%	-
Convenienc	Cooling DX	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	New	522.86	10	$ 5,450.00	4%	-
Convenienc	Cooling DX	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	Existing	0.41	30	$ 10.13	75%	-
Convenienc	Cooling DX	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	New	0.32	30	$ 10.13	75%	-
Convenienc	Cooling DX	Infiltration Control	Weather-Stripping	Standard Practice	Per Window SqFt	Existing	1.69	13	$ 0.39	51%	230
Convenienc	Cooling DX	Insulation - Duct	New Duct Insulation (R-8) (Unconditioned	No Insulation	Per Surface Area of Duct	Existing	2.19	20	$ 2.61	15%	91
Convenienc	Cooling DX	Insulation - Floor	R-30	Average Existing Insulation (R-10)	Per Floor Area SqFt	Existing	0.02	25	$ 1.82	29%	-
Convenienc	Cooling DX	Insulation - Roof	R-20ci	Average Existing Insulation (R-10)	Per Roof Area SqFt	Existing	0.02	25	$ 1.77	13%	-
Convenienc	Cooling DX	Insulation - Wall	R-13+R-7.5ci	Average Existing Insulation (R-10)	Per Wall Area SqFt	Existing	0.05	25	$ 1.84	33%	-
Convenienc	Cooling DX	Package Terminal - Air Conditioner	High Efficiency Package Terminal Air	Federal Standard Equipment	Per Package Terminal AC	Existing	106.58	9	$ 88.00	7%	1
Convenienc	Cooling DX	Package Terminal - Air Conditioner	High Efficiency Package Terminal Air	Federal Standard Equipment	Per Package Terminal AC	New	106.58	9	$ 88.00	7%	0
Convenienc	Cooling DX	Retro-Commissioning	Retro-Commissioning	No Retro-Commissioning	Per SqFt	Existing	0.65	7	$ 0.30	90%	2,079
Convenienc	Cooling DX	Rooftop DX Unit - Below Standard	Below Standard 9.5 EER, Air-Cooled = 135 and	Below Standard 9.5 EER, Air-Cooled = 135 and	Per Building SqFt	Existing	-	15	$ -	100%	-
Convenienc	Cooling DX	Rooftop DX Unit - Below Standard	Below Standard 9.5 EER, Air-Cooled = 135 and	Below Standard 9.5 EER, Air-Cooled = 135 and	Per Building SqFt	New	-	15	$ -	100%	-
Convenienc	Cooling DX	Rooftop DX Unit - CEE Tier 1	CEE Tier 1 11.5 EER, Air-Cooled = 135 and <	Federal Standard 11.0 EER, Air-Cooled = 135	Per Building SqFt	Existing	0.18	15	$ 0.11	100%	-
Convenienc	Cooling DX	Rooftop DX Unit - CEE Tier 1	CEE Tier 1 11.5 EER, Air-Cooled = 135 and <	Federal Standard 11.0 EER, Air-Cooled = 135	Per Building SqFt	New	0.14	15	$ 0.11	100%	-
Convenienc	Cooling DX	Rooftop DX Unit - CEE Tier 2	CEE Tier 2 12.0 EER, Air-Cooled = 135 and <	Federal Standard 11.0 EER, Air-Cooled = 135	Per Building SqFt	Existing	0.34	15	$ 0.18	100%	519
Convenienc	Cooling DX	Rooftop DX Unit - CEE Tier 2	CEE Tier 2 12.0 EER, Air-Cooled = 135 and <	Federal Standard 11.0 EER, Air-Cooled = 135	Per Building SqFt	New	0.27	15	$ 0.18	100%	59
Convenienc	Cooling DX	Rooftop DX Unit - Standard	Federal Standard 11.0 EER, Air-Cooled = 135	Federal Standard 11.0 EER, Air-Cooled = 135	Per Building SqFt	Existing	-	15	$ -	100%	-
Convenienc	Cooling DX	Rooftop DX Unit - Standard	Federal Standard 11.0 EER, Air-Cooled = 135	Federal Standard 11.0 EER, Air-Cooled = 135	Per Building SqFt	New	-	15	$ -	100%	-
Convenienc	Cooling DX	Thermostat Programmable	Setback Thermostat 5-1-1, 5-2 or 7-day	Manual Thermostat	Per Thermostat	Existing	451.03	15	$ 138.50	77%	343
Convenienc	Cooling DX	Tune-up - Air Conditioner	Air Conditioner Maintenance (Tune-up)	Unmaintained Air Conditioner	Per Ton	Existing	92.75	3	$ 48.00	48%	-
Convenienc	Cooling DX	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	Existing	0.10	25	$ 3.67	47%	-
Convenienc	Cooling DX	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	New	0.10	25	$ 3.67	53%	-
Convenienc	Cooling DX	Window - Metal Framing	U-Value = 0.55 (Code Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	0.11	25	$ 27.83	9%	-
Convenienc	Cooling DX	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	Existing	0.07	25	$ 2.08	21%	-
Convenienc	Cooling DX	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	New	0.07	25	$ 2.08	23%	-
Convenienc	Cooling DX	Window - Non-Metal Framing	U-Value = 0.35 (Code Non-Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	0.33	25	$ 42.42	20%	-
Convenienc	Cooling DX	Window Air Conditioner	CEE TIER 1 = 11.3 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Window AC	Existing	169.32	9	$ 406.80	32%	-
Convenienc	Cooling DX	Window Air Conditioner	CEE TIER 1 = 11.3 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Window AC	New	169.32	9	$ 406.80	32%	-
Convenienc	Cooling DX	Window Air Conditioner	CEE TIER 2 = 11.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Window AC	Existing	216.19	9	$ 771.98	33%	-
Convenienc	Cooling DX	Window Air Conditioner	CEE TIER 2 = 11.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Window AC	New	216.19	9	$ 771.98	33%	-
Convenienc	Cooling DX	Window Air Conditioner	ENERGY STAR = 10.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Window AC	Existing	118.10	9	$ 41.62	26%	19

Convenienc	Cooling DX	Window Air Conditioner	ENERGY STAR = 10.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Window AC	New	118.10	9	$ 41.62	26%	1
Convenienc	Ext Lighting	Exterior Lighting - Standard	Standard Exterior Lighting	Standard Exterior Lighting	Per Building SqFt	Existing	-	14	$ -	100%	-
Convenienc	Ext Lighting	Exterior Lighting - Standard	Standard Exterior Lighting	Standard Exterior Lighting	Per Building SqFt	New	-	14	$ -	100%	-
Convenienc	Ext Lighting	Lighting - LED Lighting Package	Exterior LED Lighting Package	Standard Lighting	Per Lighting Package	Existing	27.65	13	$ 25.87	66%	-
Convenienc	Ext Lighting	Lighting - High Intensity Discharge	High Efficiency Metal Halide Lighting Packages	Standard HID Lighting	Per Lighting Package	Existing	11.91	5	$ 0.65	62%	-
Convenienc	Ext Lighting	Lighting - Induction Lighting Package	Induction Lighting Package	Standard HID Lighting	Per Lighting Package	Existing	33.87	13	$ 5.95	67%	-
Convenienc	Fax	Fax - ENERGY STAR	ENERGY STAR Fax	Standard Fax	Per Building SqFt	Existing	0.03	6	$ 0.00	100%	100
Convenienc	Fax	Fax - ENERGY STAR	ENERGY STAR Fax	Standard Fax	Per Building SqFt	New	0.03	6	$ 0.00	100%	7
Convenienc	Fax	Fax - Standard	Standard Fax	Standard Fax	Per Building SqFt	Existing	-	6	$ -	100%	-
Convenienc	Fax	Fax - Standard	Standard Fax	Standard Fax	Per Building SqFt	New	-	6	$ -	100%	-
Convenienc	Flat Screen	Monitor - ENERGY STAR Flat Screen	ENERGY STAR Flat Screen Monitor	Standard Flat Screen Monitor	Per Building SqFt	Existing	0.01	4	$ 0.01	100%	-
Convenienc	Flat Screen	Monitor - ENERGY STAR Flat Screen	ENERGY STAR Flat Screen Monitor	Standard Flat Screen Monitor	Per Building SqFt	New	0.01	4	$ 0.01	100%	-
Convenienc	Flat Screen	Monitor - Standard Flat Screen	Standard Flat Screen Monitor	Standard Flat Screen Monitor	Per Building SqFt	Existing	-	4	$ -	100%	-
Convenienc	Flat Screen	Monitor - Standard Flat Screen	Standard Flat Screen Monitor	Standard Flat Screen Monitor	Per Building SqFt	New	-	4	$ -	100%	-
Convenienc	Freezers	Freezer - 2014 Federal Standard	2014 Standard Freezer	Standard Freezer	Per Building SqFt	Existing	0.00	12	$ 0.00	100%	-
Convenienc	Freezers	Freezer - 2014 Federal Standard	2014 Standard Freezer	Standard Freezer	Per Building SqFt	New	0.00	12	$ 0.00	100%	-
Convenienc	Freezers	Freezer - Below Standard	Below Standard Freezer	Below Standard Freezer	Per Building SqFt	Existing	-	12	$ -	100%	-
Convenienc	Freezers	Freezer - Below Standard	Below Standard Freezer	Below Standard Freezer	Per Building SqFt	New	-	12	$ -	100%	-
Convenienc	Freezers	Freezer - ENERGY STAR	ENERGY STAR Freezer	Standard Freezer	Per Building SqFt	Existing	0.00	12	$ 0.00	100%	-
Convenienc	Freezers	Freezer - ENERGY STAR	ENERGY STAR Freezer	Standard Freezer	Per Building SqFt	New	0.00	12	$ 0.00	100%	-
Convenienc	Freezers	Freezer - Standard	Standard Freezer	Standard Freezer	Per Building SqFt	Existing	-	12	$ -	100%	-
Convenienc	Freezers	Freezer - Standard	Standard Freezer	Standard Freezer	Per Building SqFt	New	-	12	$ -	100%	-
Convenienc	HVAC Aux	Demand Controlled Ventilation - Range	For Range Hoods – VFD Controlled	No DCV	Per Range Hood	Existing	495.58	10	$12,500.00	71%	-
Convenienc	HVAC Aux	Demand Controlled Ventilation - Range	For Range Hoods – VFD Controlled	No DCV	Per Range Hood	New	315.84	10	$ 6,500.00	71%	-
Convenienc	HVAC Aux	ECM Motor	Central Air Conditioner ECM Fan	Standard Motor	Per ECM	Existing	867.28	15	$ 200.00	62%	554
Convenienc	HVAC Aux	ECM Motor	Central Air Conditioner ECM Fan	Standard Motor	Per ECM	New	552.73	15	$ 200.00	90%	30
Convenienc	HVAC Aux	ECM Motor	Electric Furnace ECM Fan	Standard Motor	Per ECM	Existing	867.28	15	$ 200.00	21%	185
Convenienc	HVAC Aux	ECM Motor	Electric Furnace ECM Fan	Standard Motor	Per ECM	New	552.73	15	$ 200.00	30%	10
Convenienc	HVAC Aux	ECM Motor	Gas Furnace ECM Fan (CEE Air Handling Ratio	Standard Motor	Per ECM	Existing	867.28	15	$ 200.00	21%	185
Convenienc	HVAC Aux	ECM Motor	Gas Furnace ECM Fan (CEE Air Handling Ratio	Standard Motor	Per ECM	New	552.73	15	$ 200.00	30%	10
Convenienc	HVAC Aux	HVAC Auxillary - Standard Equipment	Standard HVAC Auxillary	Standard HVAC Auxillary	Per Building SqFt	Existing	-	15	$ -	100%	-
Convenienc	HVAC Aux	HVAC Auxillary - Standard Equipment	Standard HVAC Auxillary	Standard HVAC Auxillary	Per Building SqFt	New	-	15	$ -	100%	-
Convenienc	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 1-15 HP, 1200-3600	NEMA Qualifying Standard Motor	Per Motor	Existing	75.68	15	$ 274.24	67%	-
Convenienc	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 1-15 HP, 1200-3600	NEMA Qualifying Standard Motor	Per Motor	New	75.68	15	$ 274.24	67%	-
Convenienc	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 125-200 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	Existing	2,066.69	15	$ 2,036.86	0%	0
Convenienc	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 125-200 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	New	518.91	15	$ 2,036.86	9%	-
Convenienc	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 20-40 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	Existing	518.91	15	$ 678.39	9%	-
Convenienc	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 20-40 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	New	1,143.16	15	$ 678.39	1%	0
Convenienc	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 250-500 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	Existing	5,959.61	15	$ 4,197.32	0%	0
Convenienc	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 250-500 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	New	2,066.69	15	$ 4,197.32	0%	-
Convenienc	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 50-100 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	Existing	1,143.16	15	$ 1,375.63	1%	-
Convenienc	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 50-100 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	New	5,959.61	15	$ 1,375.63	0%	0
Convenienc	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 1-15 HP	Constant Speed Motor	Per Building	Existing	1,321.54	15	$ 292.51	67%	917
Convenienc	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 1-15 HP	Constant Speed Motor	Per Building	New	842.23	15	$ 292.51	67%	34
Convenienc	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 125-200 HP	Constant Speed Motor	Per Building	Existing	1,321.54	15	$ 137.39	1%	8
Convenienc	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 125-200 HP	Constant Speed Motor	Per Building	New	842.23	15	$ 137.39	1%	0
Convenienc	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 20-40 HP	Constant Speed Motor	Per Building	Existing	1,321.54	15	$ 169.53	4%	59
Convenienc	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 20-40 HP	Constant Speed Motor	Per Building	New	842.23	15	$ 169.53	4%	2
Convenienc	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 250-500 HP	Constant Speed Motor	Per Building	Existing	1,321.54	15	$ 104.27	0%	3
Convenienc	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 250-500 HP	Constant Speed Motor	Per Building	New	842.23	15	$ 104.27	0%	0
Convenienc	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 50-100 HP	Constant Speed Motor	Per Building	Existing	1,321.54	15	$ 208.86	1%	19
Convenienc	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 50-100 HP	Constant Speed Motor	Per Building	New	842.23	15	$ 208.86	1%	1
Convenienc	Heat Pump	Commissioning	Commissioning/QI - New Installation	No Commissioning	Per SqFt	New	1.15	7	$ 1.16	90%	-
Convenienc	Heat Pump	Cool Roofs	ENERGY STAR Cool Roof - Reflect Material	Standard Roof	Per Roof Area SqFt	Existing	0.46	15	$ 0.68	34%	-
Convenienc	Heat Pump	Cool Roofs	ENERGY STAR Cool Roof - Reflect Material	Standard Roof	Per Roof Area SqFt	New	0.24	15	$ 0.68	34%	-
Convenienc	Heat Pump	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	Existing	4,794.17	5	$ 6,244.57	9%	-
Convenienc	Heat Pump	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	New	3,262.88	5	$ 6,244.57	9%	-
Convenienc	Heat Pump	Direct Digital Control System-	DDC Retrofit - EMS Upgrade	Pneumatic	Per Building	Existing	7,191.26	5	$ 5,972.56	2%	-
Convenienc	Heat Pump	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	Existing	296.41	20	$ 477.04	76%	-
Convenienc	Heat Pump	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	New	296.41	20	$ 477.04	76%	-
Convenienc	Heat Pump	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	Existing	131.74	20	$ 60.58	62%	20
Convenienc	Heat Pump	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	New	131.74	20	$ 60.58	62%	1
Convenienc	Heat Pump	Duct Repair And Sealing	Reduction In Duct Losses to 5%	No Repair or Sealing, 15% duct losses	Per Building SqFt	Existing	0.39	18	$ 0.24	38%	98

Convenienc	Heat Pump	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	Existing	2,157.38	10	$ 5,450.00	4%	-
Convenienc	Heat Pump	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	New	1,468.30	10	$ 5,450.00	4%	-
Convenienc	Heat Pump	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	Existing	0.46	30	$ 10.13	75%	-
Convenienc	Heat Pump	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	New	0.24	30	$ 10.13	75%	-
Convenienc	Heat Pump	Heat Pump - Below Standard	Below Standard Air Source Heat Pump 9.0 EER	Below Standard Air Source Heat Pump 9.0 EER	Per Building SqFt	Existing	-	15	$ -	100%	-
Convenienc	Heat Pump	Heat Pump - Below Standard	Below Standard Air Source Heat Pump 9.0 EER	Below Standard Air Source Heat Pump 9.0 EER	Per Building SqFt	New	-	15	$ -	100%	-
Convenienc	Heat Pump	Heat Pump - ENERGY STAR	ENERGY STAR Ground Source Heat Pump	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	Existing	2.41	15	$ 26.64	5%	-
Convenienc	Heat Pump	Heat Pump - ENERGY STAR	ENERGY STAR Ground Source Heat Pump	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	New	1.75	15	$ 17.12	5%	-
Convenienc	Heat Pump	Heat Pump - High Efficiency	High Efficiency Air Source Heat Pump 11.1 EER	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	Existing	0.45	15	$ 0.24	100%	149
Convenienc	Heat Pump	Heat Pump - High Efficiency	High Efficiency Air Source Heat Pump 11.1 EER	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	New	0.32	15	$ 0.24	100%	12
Convenienc	Heat Pump	Heat Pump - Premium Efficiency	Premium Efficiency Water Source Heat Pump	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	Existing	2.60	15	$ 1.26	5%	45
Convenienc	Heat Pump	Heat Pump - Premium Efficiency	Premium Efficiency Water Source Heat Pump	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	New	1.72	15	$ 1.44	5%	3
Convenienc	Heat Pump	Heat Pump - Standard	Federal Standard Air Source Heat Pump 10.6	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	Existing	-	15	$ -	100%	-
Convenienc	Heat Pump	Heat Pump - Standard	Federal Standard Air Source Heat Pump 10.6	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	New	-	15	$ -	100%	-
Convenienc	Heat Pump	Heat Pump - Variable Refrigerant Flow	Variable Refrigerant Flow System (VRF) - Heat	Packaged VAV With Electric Reheat	Per Ton	Existing	1,123.87	15	$ 540.00	33%	1,235
Convenienc	Heat Pump	Heat Pump - Variable Refrigerant Flow	Variable Refrigerant Flow System (VRF) - Heat	Packaged VAV With Electric Reheat	Per Ton	New	764.90	15	$ 540.00	81%	144
Convenienc	Heat Pump	Infiltration Control	Weather-Stripping	Standard Practice	Per Window SqFt	Existing	10.03	13	$ 0.39	51%	344
Convenienc	Heat Pump	Insulation - Duct	New Duct Insulation (R-8) (Unconditioned	No Insulation	Per Surface Area of Duct	Existing	6.97	20	$ 2.61	15%	73
Convenienc	Heat Pump	Insulation - Floor	R-30	Average Existing Insulation (R-10)	Per Floor Area SqFt	Existing	0.29	25	$ 1.82	29%	-
Convenienc	Heat Pump	Insulation - Roof	R-20ci	Average Existing Insulation (R-10)	Per Roof Area SqFt	Existing	0.19	25	$ 1.77	13%	-
Convenienc	Heat Pump	Insulation - Wall	R-13+R-7.5ci	Average Existing Insulation (R-10)	Per Wall Area SqFt	Existing	0.59	25	$ 1.84	33%	-
Convenienc	Heat Pump	Package Terminal - Heat Pump	High Efficiency Package Terminal Air	Federal Standard Equipment	Per Ton	Existing	106.58	15	$ 150.01	10%	-
Convenienc	Heat Pump	Package Terminal - Heat Pump	High Efficiency Package Terminal Air	Federal Standard Equipment	Per Ton	New	106.58	15	$ 150.01	10%	-
Convenienc	Heat Pump	Retro-Commissioning	Retro-Commissioning	No Retro-Commissioning	Per SqFt	Existing	2.09	7	$ 0.30	90%	1,653
Convenienc	Heat Pump	Thermostat Programmable	Setback Thermostat 5-1-1, 5-2 or 7-day	Manual Thermostat	Per Thermostat	Existing	1,438.25	15	$ 138.50	77%	273
Convenienc	Heat Pump	Tune-up - Air Source Heat Pump	Air Source Heat Pump Maintenance (Tune-up)	Unmaintained Air Source Heat Pump	Per Ton	Existing	295.75	3	$ 48.00	48%	21
Convenienc	Heat Pump	Tune-up - Ground Source Heat Pump	Ground Source Heat Pump Maintenance (Tune-	Unmaintained Ground Source Heat Pump	Per Ton	Existing	295.75	3	$ 48.00	48%	21
Convenienc	Heat Pump	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	Existing	1.22	25	$ 3.67	47%	-
Convenienc	Heat Pump	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	New	1.22	25	$ 3.67	53%	-
Convenienc	Heat Pump	Window - Metal Framing	U-Value = 0.55 (Code Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	1.27	25	$ 27.83	9%	-
Convenienc	Heat Pump	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	Existing	0.78	25	$ 2.08	21%	-
Convenienc	Heat Pump	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	New	0.78	25	$ 2.08	23%	-
Convenienc	Heat Pump	Window - Non-Metal Framing	U-Value = 0.35 (Code Non-Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	3.90	25	$ 42.42	20%	-
Convenienc	Lighting	Ceiling Fans	ENERGY STAR Ceiling Fans with Light Kit	Standard Ceiling Fan	Per Ceiling Fan	Existing	98.55	10	$ 119.55	85%	-
Convenienc	Lighting	Ceiling Fans	ENERGY STAR Ceiling Fans with Light Kit	Standard Ceiling Fan	Per Ceiling Fan	New	98.55	10	$ 119.55	85%	-
Convenienc	Lighting	Daylighting Controls	Continuous Dimming, Fluorescent Fixtures (Day-	No Dimming Controls	Per Applicable SQFT of Dimmable Perimeter	Existing	7.71	9	$ 1.67	59%	5,329
Convenienc	Lighting	Daylighting Controls	Continuous Dimming, Fluorescent Fixtures (Day-	No Dimming Controls	Per Applicable SQFT of Dimmable Perimeter	New	5.39	13	$ 1.67	0%	-
Convenienc	Lighting	Daylighting Controls	Dual Level Switches, Fluorescent Fixtures	No Dimming Controls	Per Applicable SQFT of Dimmable Perimeter	Existing	3.17	9	$ 0.83	59%	1,538
Convenienc	Lighting	Daylighting Controls	Dual Level Switches, Fluorescent Fixtures	No Dimming Controls	Per Applicable SQFT of Dimmable Perimeter	New	2.21	13	$ 0.83	0%	-
Convenienc	Lighting	Exit Sign - LED	LED Exit Signs	CFL Exit Sign	Per Exit Sign	Existing	175.20	11	$ 68.22	61%	292
Convenienc	Lighting	Exit Sign - Photoluminescent	Photoluminescent Exit Sign	LED Exit Sign	Per Exit Sign	Existing	35.04	13	$ 30.00	93%	90
Convenienc	Lighting	Exit Sign - Photoluminescent	Photoluminescent Exit Sign	LED Exit Sign	Per Exit Sign	New	35.04	13	$ 30.00	93%	5
Convenienc	Lighting	LED Refrigerated Case Lighting	LED Refrigerated Case Lighting	Fluorescent	Per Refrigerated Glass Case	Existing	320.00	13	$ 600.00	57%	-
Convenienc	Lighting	LED Refrigerated Case Lighting	LED Refrigerated Case Lighting	Fluorescent	Per Refrigerated Glass Case	New	320.00	13	$ 600.00	57%	-
Convenienc	Lighting	LED Strip Lighting	LED Strip Lighting (Non-Refrigerated)	Fluorescent	Per Linear Foot of Lighting	Existing	0.85	11	$ 2.99	78%	-
Convenienc	Lighting	LED Strip Lighting	LED Strip Lighting (Non-Refrigerated)	Fluorescent	Per Linear Foot of Lighting	New	0.85	11	$ 2.99	78%	-
Convenienc	Lighting	LightLouver Daylighting System	LightLouver Daylighting System	No Daylight System	Per Linear Feet of Window	Existing	49.82	9	$ 65.00	40%	-
Convenienc	Lighting	Lighting - CFL Lamp Package	ENERGY STAR CFL	EISA Incandescent	Per Building	Existing	2,435.94	2	$ 9.84	68%	562
Convenienc	Lighting	Lighting - Clock/Timer	Lighting Clock/Timer Commercial grade	No Time Clock	Per Lighting Control	Existing	2,468.46	9	$ 205.43	42%	1,356
Convenienc	Lighting	Lighting - Fluorescent High	Fluorescent HP Lamps and Ballasts Packages	Standard Lighting	Per Lighting Package	Existing	3,836.83	13	$ 4,730.75	90%	-
Convenienc	Lighting	Lighting - Fluorescent Reduced	Fluorescent RW Lamps and Ballasts Packages	Standard Lighting	Per Lighting Package	Existing	7,673.65	13	$ 3,920.21	76%	7,547
Convenienc	Lighting	Lighting - Induction Lighting Package	Induction Lighting Package	Standard HID Lighting	Per Lighting Package	Existing	3,215.32	20	$ 766.48	38%	1,581
Convenienc	Lighting	Lighting - LED Lamp Package	ENERGY STAR LED	EISA Incandescent	Per Lighting Package	Existing	2,934.50	7	$ 458.63	73%	2,791
Convenienc	Lighting	Lighting - LPD Package	LPD Reduction Package 15%	LPD Code	Per Lighting Package	New	5,307.15	15	$ 127.30	68%	75
Convenienc	Lighting	Lighting - LPD Package	LPD Reduction Package 25%	LPD Code	Per Lighting Package	New	8,845.25	15	$ 849.31	71%	475
Convenienc	Lighting	Lighting - Specialty Lamp Package	CFL and LED Specialty Lamp Package	Standard Incandescent	Per Lighting Package	Existing	641.29	2	$ 28.35	81%	670
Convenienc	Lighting	Lighting - Standard	Standard Lighting	Standard Lighting	Per Building SqFt	Existing	-	14	$ -	100%	-
Convenienc	Lighting	Lighting - Standard	Standard Lighting	Standard Lighting	Per Building SqFt	New	-	14	$ -	100%	-
Convenienc	Lighting	Occupancy Sensor - High-Bay	Fixture-Mounted (Control > 150 Watts)	No Sensor	Per Lighting Control	Existing	2,168.30	14	$ 225.00	12%	55
Convenienc	Lighting	Occupancy Sensor - High-Bay	Fixture-Mounted (Control > 150 Watts)	No Sensor	Per Lighting Control	New	1,515.09	14	$ 225.00	12%	2
Convenienc	Lighting	Occupancy Sensor - Wall or Ceiling	Wall or Ceiling-Mounted (Control > 400 Watts)	No Sensor	Per Lighting Control	Existing	169.78	14	$ 225.00	69%	-
Convenienc	Lighting	Occupancy Sensor - Wall or Ceiling	Wall or Ceiling-Mounted (Control > 400 Watts)	No Sensor	Per Lighting Control	New	118.63	14	$ 225.00	69%	-
Convenienc	Other	Compressed Air Optimization	Compressed Air - Leak Audit, New	No Leak Audit And No New Compressor And	Per Compressor HP	Existing	281.82	10	$ 50.00	19%	149

Convenienc	Other	Other - Standard	Standard Other Equipment	Standard Other Equipment	Per Building SqFt	Existing	-	10	$ -	100%	-
Convenienc	Other	Other - Standard	Standard Other Equipment	Standard Other Equipment	Per Building SqFt	New	-	10	$ -	100%	-
Convenienc	Other	Transformers	Transformers, Three-Phase Low-Voltage Dry-	Standard Efficiency Transformer NEMA TP-1-	Per Transformer	Existing	174.78	30	$ 448.00	50%	-
Convenienc	Other	Transformers	Transformers, Three-Phase Low-Voltage Dry-	Standard Efficiency Transformer NEMA TP-1-	Per Transformer	New	174.78	30	$ 448.00	50%	-
Convenienc	Other Plug	All-In-One Office Equipment	All-In-One ENERGY STAR Office Equipment	Non-ENERGY STAR Features	Per All-in-One Device	Existing	200.08	6	$ 218.33	68%	-
Convenienc	Other Plug	All-In-One Office Equipment	All-In-One ENERGY STAR Office Equipment	Non-ENERGY STAR Features	Per All-in-One Device	New	200.08	6	$ 218.33	68%	-
Convenienc	Other Plug	Ceiling Fans	ENERGY STAR Ceiling Fans with Light Kit	Standard Ceiling Fan	Per Ceiling Fan	Existing	4.33	10	$ 119.55	85%	-
Convenienc	Other Plug	Ceiling Fans	ENERGY STAR Ceiling Fans with Light Kit	Standard Ceiling Fan	Per Ceiling Fan	New	4.33	10	$ 119.55	85%	-
Convenienc	Other Plug	Ceiling Fans	ENERGY STAR Ceiling Fans without Light Kit	Standard Ceiling Fan	Per Ceiling Fan	Existing	4.33	10	$ 1.46	85%	10
Convenienc	Other Plug	Ceiling Fans	ENERGY STAR Ceiling Fans without Light Kit	Standard Ceiling Fan	Per Ceiling Fan	New	4.33	10	$ 1.46	85%	1
Convenienc	Other Plug	Plug Load - Standard Equipment	Standard Plug Load	Standard Plug Load	Per Building SqFt	Existing	-	10	$ -	100%	-
Convenienc	Other Plug	Plug Load - Standard Equipment	Standard Plug Load	Standard Plug Load	Per Building SqFt	New	-	10	$ -	100%	-
Convenienc	Other Plug	Snow Melt System Control	Snow Melt System Control	Manual Control	Per Snow Melt Control	Existing	212.50	25	$ 2,782.00	5%	-
Convenienc	Other Plug	Snow Melt System Control	Snow Melt System Control	Manual Control	Per Snow Melt Control	New	223.37	25	$ 2,782.00	0%	-
Convenienc	Other Plug	Water Coolers	ENERGY STAR Water Cooler	Non-ENERGY STAR Water Cooler	Per Water Cooler	Existing	28.43	10	$ 5.00	4%	1
Convenienc	Other Plug	Water Coolers	ENERGY STAR Water Cooler	Non-ENERGY STAR Water Cooler	Per Water Cooler	New	29.88	10	$ 5.00	4%	0
Convenienc	Photo	Photo Copier - ENERGY STAR	ENERGY STAR Photo Copier	Standard Photo Copier	Per Building SqFt	Existing	0.03	6	$ 0.10	100%	-
Convenienc	Photo	Photo Copier - ENERGY STAR	ENERGY STAR Photo Copier	Standard Photo Copier	Per Building SqFt	New	0.03	6	$ 0.10	100%	-
Convenienc	Photo	Photo Copiers - Standard	Standard Photo Copier	Standard Photo Copier	Per Building SqFt	Existing	-	6	$ -	100%	-
Convenienc	Photo	Photo Copiers - Standard	Standard Photo Copier	Standard Photo Copier	Per Building SqFt	New	-	6	$ -	100%	-
Convenienc	Printers	Printers - ENERGY STAR	ENERGY STAR Printers	Standard Printers	Per Building SqFt	Existing	0.01	6	$ 0.00	100%	41
Convenienc	Printers	Printers - ENERGY STAR	ENERGY STAR Printers	Standard Printers	Per Building SqFt	New	0.01	6	$ 0.00	100%	3
Convenienc	Printers	Printers - Standard	Standard Printers	Standard Printers	Per Building SqFt	Existing	-	6	$ 0.00	100%	-
Convenienc	Printers	Printers - Standard	Standard Printers	Standard Printers	Per Building SqFt	New	-	6	$ 0.00	100%	-
Convenienc	Refrigeratio	Anti-Sweat Heater Controls	Variable Temperature Controls (Humidistat)	Constant Controls	Per Control (Weighted by Grocery	Existing	767.25	12	$ 78.84	72%	802
Convenienc	Refrigeratio	Anti-Sweat Heater Controls	Variable Temperature Controls (Humidistat)	Constant Controls	Per Control (Weighted by Grocery	New	767.25	12	$ 78.84	18%	12
Convenienc	Refrigeratio	Case Fans with ECM motors	ECM Motors on Evaporator Fan for Display	Standard Case Fan Motor	Per ECM (Weighted by Grocery	Existing	1,018.06	12	$ 243.00	37%	541
Convenienc	Refrigeratio	Case Fans with ECM motors	ECM Motors on Evaporator Fan for Display	Standard Case Fan Motor	Per ECM (Weighted by Grocery	New	1,018.06	12	$ 243.00	37%	32
Convenienc	Refrigeratio	Demand Control Defrost - Electric	Refrigerant Defrost	No Demand Control Defrost	Per Building SqFt	Existing	0.08	10	$ 0.10	41%	-
Convenienc	Refrigeratio	Demand Control Defrost - Hot Gas	Refrigerant Defrost	No Demand Control Defrost	Per Building SqFt	Existing	0.19	10	$ 0.12	41%	371
Convenienc	Refrigeratio	Evaporator Fans - Walk-ins	High-Efficiency Evaporator Fans, Walk-in	Standard Evaporator Fans	Per Walk-in Fan	Existing	435.00	15	$ 132.39	69%	1,448
Convenienc	Refrigeratio	Evaporator Fans - Walk-ins	High-Efficiency Evaporator Fans, Walk-in	Standard Evaporator Fans	Per Walk-in Fan	New	435.00	15	$ 132.39	69%	85
Convenienc	Refrigeratio	Ice Makers, Air Cooled	ENERGY STAR Qualified, Ice-Making Head	Standard Equipment	Per Ice Maker	Existing	1,197.10	10	$ 140.00	47%	735
Convenienc	Refrigeratio	Ice Makers, Air Cooled	ENERGY STAR Qualified, Ice-Making Head	Standard Equipment	Per Ice Maker	New	1,197.10	10	$ 140.00	47%	43
Convenienc	Refrigeratio	Ice Makers, Air Cooled	ENERGY STAR Qualified, Remote Condensing	Standard Equipment	Per Ice Maker	Existing	1,293.25	10	$ 5.00	47%	794
Convenienc	Refrigeratio	Ice Makers, Air Cooled	ENERGY STAR Qualified, Remote Condensing	Standard Equipment	Per Ice Maker	New	1,293.25	10	$ 5.00	47%	46
Convenienc	Refrigeratio	Ice Makers, Air Cooled	ENERGY STAR Qualified, Self-Contained	Standard Equipment	Per Ice Maker	Existing	317.99	10	$ 5.00	47%	21
Convenienc	Refrigeratio	Ice Makers, Air Cooled	ENERGY STAR Qualified, Self-Contained	Standard Equipment	Per Ice Maker	New	317.99	10	$ 5.00	47%	1
Convenienc	Refrigeratio	Ice Makers, Water-Cooled	Ice-Making Head - Water Cooled	Standard Equipment	Per Ice Maker	Existing	894.30	10	$ 1,000.00	47%	-
Convenienc	Refrigeratio	Ice Makers, Water-Cooled	Ice-Making Head - Water Cooled	Standard Equipment	Per Ice Maker	New	894.30	10	$ 1,000.00	47%	-
Convenienc	Refrigeratio	Ice Makers, Water-Cooled	Self-Contained - Water Cooled	Standard Equipment	Per Ice Maker	Existing	187.70	10	$ 850.00	47%	-
Convenienc	Refrigeratio	Ice Makers, Water-Cooled	Self-Contained - Water Cooled	Standard Equipment	Per Ice Maker	New	187.70	10	$ 850.00	47%	-
Convenienc	Refrigeratio	Night Covers for Display Cases	Night Covers for Display Cases	No Night Covers	Per Building	Existing	290.75	10	$ 331.02	57%	-
Convenienc	Refrigeratio	Night Covers for Display Cases	Night Covers for Display Cases	No Night Covers	Per Building	New	299.54	10	$ 331.02	57%	-
Convenienc	Refrigeratio	Novelty Cooler Shutoff	Cooler Shutoff with Controls System or Shutoff	No Cooler Shutoff	Per Cooler Case	Existing	471.89	10	$ 70.78	63%	192
Convenienc	Refrigeratio	Novelty Cooler Shutoff	Cooler Shutoff with Controls System or Shutoff	No Cooler Shutoff	Per Cooler Case	New	471.89	10	$ 70.78	63%	11
Convenienc	Refrigeratio	Occupancy Sensor - Refrigerated	Occupancy Sensor - Refrigerated Cases	No Sensor	Per Linear Foot of Refrigerated Display Case	Existing	20.45	8	$ 3.00	14%	15
Convenienc	Refrigeratio	Occupancy Sensor - Refrigerated	Occupancy Sensor - Refrigerated Cases	No Sensor	Per Linear Foot of Refrigerated Display Case	New	20.45	8	$ 3.00	14%	1
Convenienc	Refrigeratio	Refrigeration - Retro-Commissioning	Refrigeration Retro Commissioning	No Retro-Commissioning	Per Refrigeration Ton	Existing	76.01	10	$ 191.95	78%	-
Convenienc	Refrigeratio	Refrigeration - Commissioning	Commissioning (Refrigeration System	No Commissioning	Per Refrigeration Ton	New	78.31	3	$ 49.60	87%	-
Convenienc	Refrigeratio	Refrigeration - Standard	Standard Refrigeration	Standard Refrigeration	Per Building SqFt	Existing	-	14	$ -	100%	-
Convenienc	Refrigeratio	Refrigeration - Standard	Standard Refrigeration	Standard Refrigeration	Per Building SqFt	New	-	14	$ -	100%	-
Convenienc	Refrigeratio	Strip Curtains for Walk-Ins	Strip Curtains for Walk-Ins	No Strip Curtains for Walk-Ins	Per Walk-in	Existing	456.07	4	$ 300.00	12%	-
Convenienc	Refrigeratio	Strip Curtains for Walk-Ins	Strip Curtains for Walk-Ins	No Strip Curtains for Walk-Ins	Per Walk-in	New	469.86	4	$ 300.00	12%	-
Convenienc	Space Heat	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	Existing	5,658.31	5	$ 2,929.75	9%	-
Convenienc	Space Heat	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	New	4,690.44	5	$ 3,122.28	9%	-
Convenienc	Space Heat	Direct Digital Control System-	DDC Retrofit - EMS Upgrade	Pneumatic	Per Building	Existing	8,487.46	5	$ 5,067.28	2%	-
Convenienc	Space Heat	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	Existing	488.92	20	$ 477.04	76%	-
Convenienc	Space Heat	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	New	488.92	20	$ 477.04	76%	-
Convenienc	Space Heat	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	Existing	217.30	20	$ 60.58	62%	59
Convenienc	Space Heat	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	New	217.30	20	$ 60.58	62%	4
Convenienc	Space Heat	Duct Repair And Sealing	Reduction In Duct Losses to 5%	No Repair or Sealing, 15% duct losses	Per Building SqFt	Existing	0.46	18	$ 0.24	38%	232
Convenienc	Space Heat	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	Existing	2,546.24	10	$ 5,450.00	4%	-

Convenienc	Space Heat	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	New	2,110.70	10	$	5,450.00	4%	-
Convenienc	Space Heat	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	Existing	1.54	30	$	10.13	75%	-
Convenienc	Space Heat	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	New	1.28	30	$	10.13	75%	-
Convenienc	Space Heat	Infiltration Control	Weather-Stripping	Standard Practice	Per Window SqFt	Existing	14.84	13	$	0.39	51%	771
Convenienc	Space Heat	Insulation - Duct	New Duct Insulation (R-8) (Unconditioned	No Insulation	Per Surface Area of Duct	Existing	8.23	20	$	2.61	15%	128
Convenienc	Space Heat	Insulation - Floor	R-30	Average Existing Insulation (R-10)	Per Floor Area SqFt	Existing	0.48	25	$	1.82	29%	-
Convenienc	Space Heat	Insulation - Roof	R-20ci	Average Existing Insulation (R-10)	Per Roof Area SqFt	Existing	0.32	25	$	1.77	13%	-
Convenienc	Space Heat	Insulation - Wall	R-13+R-7.5ci	Average Existing Insulation (R-10)	Per Wall Area SqFt	Existing	0.97	25	$	1.84	33%	-
Convenienc	Space Heat	Space Heat - Standard	Standard Space Heat	Standard Space Heat	Per Building SqFt	Existing	-	20	$	-	100%	-
Convenienc	Space Heat	Space Heat - Standard	Standard Space Heat	Standard Space Heat	Per Building SqFt	New	-	20	$	-	100%	-
Convenienc	Space Heat	Thermostat Programmable	Setback Thermostat 5-1-1, 5-2 or 7-day	Manual Thermostat	Per Thermostat	Existing	1,697.49	15	$	138.50	77%	484
Convenienc	Space Heat	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	Existing	2.01	25	$	3.67	47%	-
Convenienc	Space Heat	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	New	2.01	25	$	3.67	53%	-
Convenienc	Space Heat	Window - Metal Framing	U-Value = 0.55 (Code Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	2.10	25	$	27.83	9%	-
Convenienc	Space Heat	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	Existing	1.29	25	$	2.08	21%	-
Convenienc	Space Heat	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	New	1.29	25	$	2.08	23%	-
Convenienc	Space Heat	Window - Non-Metal Framing	U-Value = 0.35 (Code Non-Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	6.43	25	$	42.42	20%	-
Convenienc	Vending	Vending Machine - Controller	Refrigerated Vending Machine Controller	No Controls	Per Vending Machine	Existing	1,394.81	3	$	238.00	25%	307
Convenienc	Vending	Vending Machine - Controller	Refrigerated Vending Machine Controller	No Controls	Per Vending Machine	New	1,394.81	3	$	238.00	25%	15
Convenienc	Vending	Vending Machine - ENERGY STAR	ENERGY STAR Vending Machine	Standard Vending Machine	Per Building SqFt	Existing	0.27	10	$	0.04	100%	765
Convenienc	Vending	Vending Machine - ENERGY STAR	ENERGY STAR Vending Machine	Standard Vending Machine	Per Building SqFt	New	0.27	10	$	0.04	100%	67
Convenienc	Vending	Vending Machine - Standard	Standard Vending Machine	Standard Vending Machine	Per Building SqFt	Existing	-	10	$	-	100%	-
Convenienc	Vending	Vending Machine - Standard	Standard Vending Machine	Standard Vending Machine	Per Building SqFt	New	-	10	$	-	100%	-
Convenienc	Water Heat	Desuperheaters - Air Conditioner	Add-on Desuperheaters to Air Conditioner	No Desuperheater	Per Desuperheater	Existing	75.00	10	$	600.00	72%	-
Convenienc	Water Heat	Desuperheaters - Air Source Heat	Add-on Desuperheaters to Air Source Heat	No Desuperheater	Per Desuperheater	Existing	468.90	10	$	600.00	0%	-
Convenienc	Water Heat	Desuperheaters - Ground Source Heat	Add-on Desuperheaters to Ground Source Heat	No Desuperheater	Per Desuperheater	Existing	468.90	10	$	600.00	0%	-
Convenienc	Water Heat	Dishwasher	Dishwasher Enhanced Efficiency (EF 1.00) 200	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	Existing	155.00	11	$	1,067.33	5%	-
Convenienc	Water Heat	Dishwasher	Dishwasher Enhanced Efficiency (EF 1.00) 200	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	New	155.00	11	$	1,067.33	5%	-
Convenienc	Water Heat	Dishwasher	ENERGY STAR 295 kWh/yr and 4.25	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	Existing	60.00	11	$	272.18	4%	-
Convenienc	Water Heat	Dishwasher	ENERGY STAR 295 kWh/yr and 4.25	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	New	60.00	11	$	272.18	4%	-
Convenienc	Water Heat	Dishwasher	High Temp Commercial High Efficiency	Standard High Temp Commercial Dishwasher	Per Dishwasher	Existing	1,285.16	14	$	442.50	0%	1
Convenienc	Water Heat	Dishwasher	High Temp Commercial High Efficiency	Standard High Temp Commercial Dishwasher	Per Dishwasher	New	1,285.16	14	$	442.50	0%	0
Convenienc	Water Heat	Dishwasher	Low-Temp Commercial Dishwasher (Includes	Standard High Temp Commercial Dishwasher	Per Dishwasher	Existing	2,012.75	14	$	307.50	0%	3
Convenienc	Water Heat	Dishwasher	Low-Temp Commercial Dishwasher (Includes	Standard High Temp Commercial Dishwasher	Per Dishwasher	New	2,012.75	14	$	307.50	0%	0
Convenienc	Water Heat	Drainwater Heat Recovery	Install Power-Pipe or GFX System	No GFX or Power-Pipe System	Per 40 Gal Water Heater	Existing	468.90	40	$	833.35	60%	149
Convenienc	Water Heat	Drainwater Heat Recovery	Install Power-Pipe or GFX System	No GFX or Power-Pipe System	Per 40 Gal Water Heater	New	468.90	40	$	666.68	83%	10
Convenienc	Water Heat	Faucet Aerator	0.5 GPM	Existing Aerator (3.0 GPM)	Per Aerator	Existing	73.27	10	$	4.76	67%	56
Convenienc	Water Heat	Low-Flow Spray Heads	1.0 GPM	1.6 GPM (Code)	Per Spray Head	Existing	485.60	5	$	39.09	8%	11
Convenienc	Water Heat	Low-Flow Spray Heads	1.0 GPM	1.6 GPM (Code)	Per Spray Head	New	485.60	5	$	39.09	8%	1
Convenienc	Water Heat	Low-Flow Spray Heads	1.6 GPM (Code)	Existing Spray Head (2.5 GPM)	Per Spray Head	Existing	728.40	5	$	30.00	5%	11
Convenienc	Water Heat	Ultrasonic Faucet Control	Install Ultrasonic Faucet Control	No Faucet Control	Per Faucet	Existing	29.31	10	$	196.25	90%	-
Convenienc	Water Heat	Ultrasonic Faucet Control	Install Ultrasonic Faucet Control	No Faucet Control	Per Faucet	New	29.31	10	$	196.25	90%	-
Convenienc	Water Heat	Water Heater - Pipe Insulation	Hot Water Pipe Insulation (R-4)	No Pipe Insulation	Per Linear Foot	Existing	2.93	13	$	2.10	56%	7
Convenienc	Water Heat	Water Heater - Tank Blanket/Insulation	Install Insulation (R-11)	No Tank Insulation	Per Water Heater	Existing	93.78	7	$	62.60	5%	-
Convenienc	Water Heat	Water Heater - Thermostat Setback	Install Programmable Thermostat (120 Degrees)	No Thermostat Setback (130 Degrees)	Per Water Heater	Existing	318.98	4	$	102.34	35%	52
Convenienc	Water Heat	Water Heating - ENERGY STAR	ENERGY STAR Heat Pump Water Heater EF =	Standard Water Heater EF = 0.92	Per Building SqFt	New	0.34	13	$	0.32	75%	34
Convenienc	Water Heat	Water Heating - Heat Pump ENERGY	ENERGY STAR Heat Pump Water Heater EF =	Standard Water Heater EF = 0.92	Per Building SqFt	Existing	0.34	13	$	0.32	75%	317
Convenienc	Water Heat	Water Heating - Storage 2015 Standard	2015 Standard Water Heater EF = 0.95	Standard Water Heater EF = 0.92	Per Building SqFt	Existing	0.02	13	$	0.01	100%	5
Convenienc	Water Heat	Water Heating - Storage 2015 Standard	2015 Standard Water Heater EF = 0.95	Standard Water Heater EF = 0.92	Per Building SqFt	New	0.02	13	$	0.01	100%	1
Convenienc	Water Heat	Water Heating - Storage Below	Below Standard Water Heater EF = 0.86	Below Standard Water Heater EF = 0.86	Per Building SqFt	Existing	-	13	$	-	100%	-
Convenienc	Water Heat	Water Heating - Storage Below	Below Standard Water Heater EF = 0.86	Below Standard Water Heater EF = 0.86	Per Building SqFt	New	-	13	$	-	100%	-
Convenienc	Water Heat	Water Heating - Storage Standard	Standard Water Heater EF = 0.92	Standard Water Heater EF = 0.92	Per Building SqFt	Existing	-	13	$	-	100%	-
Convenienc	Water Heat	Water Heating - Storage Standard	Standard Water Heater EF = 0.92	Standard Water Heater EF = 0.92	Per Building SqFt	New	-	13	$	-	100%	-
Convenienc	Water Heat	Water Heating - Tankless	Tankless Water Heater EF = 0.95	Standard Water Heater EF = 0.92	Per Building SqFt	Existing	0.04	13	$	0.07	0%	-
Convenienc	Water Heat	Water Heating - Tankless	Tankless Water Heater EF = 0.95	Standard Water Heater EF = 0.92	Per Building SqFt	New	0.04	13	$	0.07	0%	-
Education	Computers	Computer - ENERGY STAR	ENERGY STAR Computer	Standard Computer	Per Building SqFt	Existing	0.20	4	$	0.04	100%	2,658
Education	Computers	Computer - ENERGY STAR	ENERGY STAR Computer	Standard Computer	Per Building SqFt	New	0.20	4	$	0.04	100%	160
Education	Computers	Computer - Standard	Standard Computer	Standard Computer	Per Building SqFt	Existing	-	4	$	-	100%	-
Education	Computers	Computer - Standard	Standard Computer	Standard Computer	Per Building SqFt	New	-	4	$	-	100%	-
Education	Computers	Office Computer Network Energy	Office Computer Network Energy Management	No Network Management	Per Computer	Existing	88.00	5	$	12.00	62%	1,108
Education	Computers	Office Computer Network Energy	Office Computer Network Energy Management	No Network Management	Per Computer	New	88.00	5	$	12.00	62%	64
Education	Cooking	Convection Oven	ENERGY STAR Convection Oven	Standard Oven	Per Convection Oven	Existing	55.42	15	$	1,650.00	35%	-
Education	Cooking	Convection Oven	ENERGY STAR Convection Oven	Standard Oven	Per Convection Oven	New	57.11	15	$	1,650.00	35%	-

Education	Cooking	Cooking - Standard Equipment	Standard Cooking Equipment	Standard Cooking Equipment	Per Building SqFt	Existing	-	12	$ -	100%	-
Education	Cooking	Cooking - Standard Equipment	Standard Cooking Equipment	Standard Cooking Equipment	Per Building SqFt	New	-	12	$ -	100%	-
Education	Cooking	Fryer	ENERGY STAR Fryer	Standard	Per Fryer	Existing	24.32	12	$ 1,271.00	25%	-
Education	Cooking	Fryer	ENERGY STAR Fryer	Standard	Per Fryer	New	25.06	12	$ 1,271.00	25%	-
Education	Cooking	Hot Food Holding Cabinets	ENERGY STAR Qualified (< 40 watts/cubic foot)	Standard Equipment	Per Hot Food Holding Cabinet	Existing	166.01	12	$ 1,500.00	64%	-
Education	Cooking	Hot Food Holding Cabinets	ENERGY STAR Qualified (< 40 watts/cubic foot)	Standard Equipment	Per Hot Food Holding Cabinet	New	171.08	12	$ 1,500.00	64%	-
Education	Cooking	Steam Cooker	ENERGY STAR Steam Cooker	Standard	Per Steam Cooker	Existing	401.72	12	$ 1,500.00	26%	-
Education	Cooking	Steam Cooker	ENERGY STAR Steam Cooker	Standard	Per Steam Cooker	New	414.00	12	$ 1,500.00	26%	-
Education	Cooling	Chiller - Below Code	Below Standard Chiller - 0.74 kW/ton	Below Standard Chiller - 0.74 kW/ton	Per Building SqFt	Existing	-	20	$ -	100%	-
Education	Cooling	Chiller - Below Code	Below Standard Chiller - 0.74 kW/ton	Below Standard Chiller - 0.74 kW/ton	Per Building SqFt	New	-	20	$ -	100%	-
Education	Cooling	Chiller - High Efficiency	High Efficiency Chiller - 0.63 kW/ton	Standard Chiller - 0.68 kW/ton	Per Building SqFt	Existing	0.13	20	$ 0.04	100%	-
Education	Cooling	Chiller - High Efficiency	High Efficiency Chiller - 0.63 kW/ton	Standard Chiller - 0.68 kW/ton	Per Building SqFt	New	0.08	20	$ 0.04	100%	-
Education	Cooling	Chiller - Pipe Insulation	Above Code (3" of Insulation, Approximately R-	Code (1.5" of Insulation, Approximately R-6)	Per Linear Foot of Insulation	Existing	5.33	15	$ 4.11	58%	86
Education	Cooling	Chiller - Pipe Insulation	Above Code (3" of Insulation, Approximately R-	Code (1.5" of Insulation, Approximately R-6)	Per Linear Foot of Insulation	New	3.50	15	$ 4.11	85%	4
Education	Cooling	Chiller - Pipe Insulation	Code (1.5" of Insulation, Approximately R-6)	No Insulation	Per Linear Foot of Insulation	Existing	5.33	15	$ 4.11	58%	85
Education	Cooling	Chiller - Premium Efficiency	Premium Efficiency Chiller - 0.58 kW/ton	Standard Chiller - 0.68 kW/ton	Per Building SqFt	Existing	0.26	20	$ 0.14	100%	535
Education	Cooling	Chiller - Premium Efficiency	Premium Efficiency Chiller - 0.58 kW/ton	Standard Chiller - 0.68 kW/ton	Per Building SqFt	New	0.17	20	$ 0.14	100%	58
Education	Cooling	Chiller - Standard	Standard Chiller - 0.68 kW/ton	Standard Chiller - 0.68 kW/ton	Per Building SqFt	Existing	-	20	$ -	100%	-
Education	Cooling	Chiller - Standard	Standard Chiller - 0.68 kW/ton	Standard Chiller - 0.68 kW/ton	Per Building SqFt	New	-	20	$ -	100%	-
Education	Cooling	Chiller - VSD Retrofit	Centrifugal Chiller - VSD Remodel for Existing	Constant Speed Motor	Per Ton	Existing	19.85	10	$ 70.41	38%	-
Education	Cooling	Chiller - Water Piping Loop with VSD	VSD for Secondary Chilled Water Loop	Primary Loop Only w/ Constant Speed Pump	Per Ton	Existing	50.02	10	$ 212.34	55%	-
Education	Cooling	Chiller - Water Reset	Install Chilled Water Reset	No Chilled Water Reset	Per Control Point	Existing	88.90	10	$ 681.34	81%	-
Education	Cooling	Chiller Air-Cooled	Chiller Air Cooled with Condenser 10.0 EER	Standard 9.562 EER	Per Ton	Existing	28.98	20	$ 112.70	7%	-
Education	Cooling	Chiller Air-Cooled	Chiller Air Cooled with Condenser 10.0 EER	Standard 9.562 EER	Per Ton	New	19.00	20	$ 112.70	7%	-
Education	Cooling	Commissioning	Commissioning/QI - New Installation	No Commissioning	Per SqFt	New	0.15	7	$ 1.16	85%	-
Education	Cooling	Cool Roofs	ENERGY STAR Cool Roof - Reflect Material	Standard Roof	Per Roof Area SqFt	Existing	0.18	15	$ 0.68	64%	-
Education	Cooling	Cool Roofs	ENERGY STAR Cool Roof - Reflect Material	Standard Roof	Per Roof Area SqFt	New	0.12	15	$ 0.68	64%	-
Education	Cooling	Demand Controlled Ventilation	Demand Controlled Ventilation - DCV	Constant Ventilation	Per Sensor	Existing	44.45	15	$ 450.00	36%	153
Education	Cooling	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	Existing	6,990.05	5	$ 8,259.02	33%	-
Education	Cooling	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	New	4,582.98	5	$ 8,259.02	33%	-
Education	Cooling	Direct Digital Control System-	DDC Retrofit - EMS Upgrade	Pneumatic	Per Building	Existing	10,485.07	5	$14,606.93	6%	-
Education	Cooling	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	Existing	17.72	20	$ 477.04	76%	-
Education	Cooling	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	New	17.72	20	$ 477.04	76%	-
Education	Cooling	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	Existing	7.88	20	$ 60.58	62%	2
Education	Cooling	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	New	7.88	20	$ 60.58	62%	0
Education	Cooling	Duct Repair And Sealing	Reduction In Duct Losses to 5%	No Repair or Sealing, 15% duct losses	Per Building SqFt	Existing	0.05	18	$ 0.24	1%	-
Education	Cooling	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	Existing	3,145.52	10	$ 5,450.00	62%	-
Education	Cooling	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	New	2,062.34	10	$ 5,450.00	62%	-
Education	Cooling	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	Existing	0.18	30	$ 10.13	75%	-
Education	Cooling	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	New	0.12	30	$ 10.13	75%	-
Education	Cooling	Infiltration Control	Weather-Stripping	Standard Practice	Per Window SqFt	Existing	0.58	13	$ 0.39	9%	26
Education	Cooling	Insulation - Duct	New Duct Insulation (R-8) (Unconditioned	No Insulation	Per Surface Area of Duct	Existing	0.95	20	$ 2.61	0%	1
Education	Cooling	Insulation - Roof	R-20ci	Average Existing Insulation (R-10)	Per Roof Area SqFt	Existing	0.01	25	$ 1.77	13%	-
Education	Cooling	Insulation - Wall	R-13+R-7.5ci	Average Existing Insulation (R-10)	Per Wall Area SqFt	Existing	0.04	25	$ 1.84	33%	-
Education	Cooling	Retro-Commissioning	Retro-Commissioning	No Retro-Commissioning	Per SqFt	Existing	0.28	7	$ 0.30	68%	1,046
Education	Cooling	Tune-up - Chiller	Chiller Maintenance (Tune-up)	Unmaintained Chiller	Per SqFt	Existing	0.18	3	$ 0.16	16%	-
Education	Cooling	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	Existing	0.07	25	$ 3.67	53%	-
Education	Cooling	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	New	0.07	25	$ 3.67	60%	-
Education	Cooling	Window - Metal Framing	U-Value = 0.55 (Code Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	0.08	25	$ 27.83	10%	-
Education	Cooling	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	Existing	0.05	25	$ 2.08	12%	-
Education	Cooling	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	New	0.05	25	$ 2.08	14%	-
Education	Cooling	Window - Non-Metal Framing	U-Value = 0.35 (Code Non-Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	0.23	25	$ 42.42	12%	-
Education	Cooling DX	Advanced Control Technology	Advanced Control Technologies for Packaged	Standard Controls	Per 5 Tons of Cooling	Existing	526.49	15	$ 4,920.00	15%	-
Education	Cooling DX	Commissioning	Commissioning/QI - New Installation	No Commissioning	Per SqFt	New	0.16	7	$ 1.16	90%	-
Education	Cooling DX	Cool Roofs	ENERGY STAR Cool Roof - Reflect Material	Standard Roof	Per Roof Area SqFt	Existing	0.17	15	$ 0.68	64%	-
Education	Cooling DX	Cool Roofs	ENERGY STAR Cool Roof - Reflect Material	Standard Roof	Per Roof Area SqFt	New	0.12	15	$ 0.68	64%	-
Education	Cooling DX	Demand Controlled Ventilation	Demand Controlled Ventilation - DCV	Constant Ventilation	Per Sensor	Existing	41.61	15	$ 450.00	36%	172
Education	Cooling DX	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	Existing	6,543.46	5	$ 2,001.75	33%	388
Education	Cooling DX	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	New	4,701.11	5	$ 8,259.02	33%	-
Education	Cooling DX	Direct Digital Control System-	DDC Retrofit - EMS Upgrade	Pneumatic	Per Building	Existing	9,815.19	5	$14,606.93	6%	-
Education	Cooling DX	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	Existing	24.79	20	$ 477.04	76%	-
Education	Cooling DX	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	New	24.79	20	$ 477.04	76%	-
Education	Cooling DX	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	Existing	11.02	20	$ 60.58	62%	4

Education	Cooling DX	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	New	11.02	20	$ 60.58	62%	0
Education	Cooling DX	Duct Repair And Sealing	Reduction In Duct Losses to 5%	No Repair or Sealing, 15% duct losses	Per Building SqFt	Existing	0.05	18	$ 0.24	38%	105
Education	Cooling DX	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	Existing	2,944.56	10	$ 5,450.00	62%	-
Education	Cooling DX	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	New	2,115.50	10	$ 5,450.00	62%	-
Education	Cooling DX	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	Existing	0.17	30	$ 10.13	75%	-
Education	Cooling DX	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	New	0.12	30	$ 10.13	75%	-
Education	Cooling DX	Infiltration Control	Weather-Stripping	Standard Practice	Per Window SqFt	Existing	0.54	13	$ 0.39	9%	32
Education	Cooling DX	Insulation - Duct	New Duct Insulation (R-8) (Unconditioned	No Insulation	Per Surface Area of Duct	Existing	0.89	20	$ 2.61	15%	74
Education	Cooling DX	Insulation - Floor	R-30	Average Existing Insulation (R-10)	Per Floor Area SqFt	Existing	0.02	25	$ 1.82	29%	-
Education	Cooling DX	Insulation - Roof	R-20ci	Average Existing Insulation (R-10)	Per Roof Area SqFt	Existing	0.02	25	$ 1.77	13%	-
Education	Cooling DX	Insulation - Wall	R-13+R-7.5ci	Average Existing Insulation (R-10)	Per Wall Area SqFt	Existing	0.05	25	$ 1.84	33%	-
Education	Cooling DX	Package Terminal - Air Conditioner	High Efficiency Package Terminal Air	Federal Standard Equipment	Per Package Terminal AC	Existing	35.17	9	$ 88.00	7%	-
Education	Cooling DX	Package Terminal - Air Conditioner	High Efficiency Package Terminal Air	Federal Standard Equipment	Per Package Terminal AC	New	35.17	9	$ 88.00	7%	-
Education	Cooling DX	Retro-Commissioning	Retro-Commissioning	No Retro-Commissioning	Per SqFt	Existing	0.27	7	$ 0.30	90%	1,627
Education	Cooling DX	Rooftop DX Unit - Below Standard	Below Standard 9.5 EER, Air-Cooled = 135 and	Below Standard 9.5 EER, Air-Cooled = 135 and	Per Building SqFt	Existing	-	15	$ -	100%	-
Education	Cooling DX	Rooftop DX Unit - Below Standard	Below Standard 9.5 EER, Air-Cooled = 135 and	Below Standard 9.5 EER, Air-Cooled = 135 and	Per Building SqFt	New	-	15	$ -	100%	-
Education	Cooling DX	Rooftop DX Unit - CEE Tier 1	CEE Tier 1 11.5 EER, Air-Cooled = 135 and <	Federal Standard 11.0 EER, Air-Cooled = 135	Per Building SqFt	Existing	0.07	15	$ 0.06	100%	-
Education	Cooling DX	Rooftop DX Unit - CEE Tier 1	CEE Tier 1 11.5 EER, Air-Cooled = 135 and <	Federal Standard 11.0 EER, Air-Cooled = 135	Per Building SqFt	New	0.05	15	$ 0.06	100%	-
Education	Cooling DX	Rooftop DX Unit - CEE Tier 2	CEE Tier 2 12.0 EER, Air-Cooled = 135 and <	Federal Standard 11.0 EER, Air-Cooled = 135	Per Building SqFt	Existing	0.14	15	$ 0.11	100%	400
Education	Cooling DX	Rooftop DX Unit - CEE Tier 2	CEE Tier 2 12.0 EER, Air-Cooled = 135 and <	Federal Standard 11.0 EER, Air-Cooled = 135	Per Building SqFt	New	0.10	15	$ 0.11	100%	43
Education	Cooling DX	Rooftop DX Unit - Standard	Federal Standard 11.0 EER, Air-Cooled = 135	Federal Standard 11.0 EER, Air-Cooled = 135	Per Building SqFt	Existing	-	15	$ -	100%	-
Education	Cooling DX	Rooftop DX Unit - Standard	Federal Standard 11.0 EER, Air-Cooled = 135	Federal Standard 11.0 EER, Air-Cooled = 135	Per Building SqFt	New	-	15	$ -	100%	-
Education	Cooling DX	Thermostat Programmable	Setback Thermostat 5-1-1, 5-2 or 7-day	Manual Thermostat	Per Thermostat	Existing	490.76	15	$ 138.50	36%	128
Education	Cooling DX	Tune-up - Air Conditioner	Air Conditioner Maintenance (Tune-up)	Unmaintained Air Conditioner	Per Ton	Existing	61.94	3	$ 48.00	48%	-
Education	Cooling DX	Variable Air-Volume Systems	Install Variable Air-Volume System	Constant Volume System	Per Building SqFt	Existing	0.50	15	$ 1.19	10%	348
Education	Cooling DX	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	Existing	0.10	25	$ 3.67	53%	-
Education	Cooling DX	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	New	0.10	25	$ 3.67	60%	-
Education	Cooling DX	Window - Metal Framing	U-Value = 0.55 (Code Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	0.11	25	$ 27.83	10%	-
Education	Cooling DX	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	Existing	0.07	25	$ 2.08	12%	-
Education	Cooling DX	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	New	0.07	25	$ 2.08	14%	-
Education	Cooling DX	Window - Non-Metal Framing	U-Value = 0.35 (Code Non-Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	0.33	25	$ 42.42	12%	-
Education	Cooling DX	Window Air Conditioner	CEE TIER 1 = 11.3 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Window AC	Existing	55.87	9	$ 406.80	32%	-
Education	Cooling DX	Window Air Conditioner	CEE TIER 1 = 11.3 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Window AC	New	55.87	9	$ 406.80	32%	-
Education	Cooling DX	Window Air Conditioner	CEE TIER 2 = 11.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Window AC	Existing	71.34	9	$ 771.98	33%	-
Education	Cooling DX	Window Air Conditioner	CEE TIER 2 = 11.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Window AC	New	71.34	9	$ 771.98	33%	-
Education	Cooling DX	Window Air Conditioner	ENERGY STAR = 10.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Window AC	Existing	38.97	9	$ 41.62	26%	2
Education	Cooling DX	Window Air Conditioner	ENERGY STAR = 10.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Window AC	New	38.97	9	$ 41.62	26%	0
Education	Dryer	Dryer - High Efficiency	High Efficiency Dryer	Standard Dryer	Per Building SqFt	Existing	0.08	12	$ 0.04	10%	-
Education	Dryer	Dryer - High Efficiency	High Efficiency Dryer	Standard Dryer	Per Building SqFt	New	0.09	12	$ 0.04	10%	2
Education	Dryer	Dryer - Standard	Standard Dryer	Standard Dryer	Per Building SqFt	Existing	-	12	$ 0.04	100%	-
Education	Dryer	Dryer - Standard	Standard Dryer	Standard Dryer	Per Building SqFt	New	-	12	$ 0.04	100%	-
Education	Ext Lighting	Exterior Lighting - Standard	Standard Exterior Lighting	Standard Exterior Lighting	Per Building SqFt	Existing	-	14	$ -	100%	-
Education	Ext Lighting	Exterior Lighting - Standard	Standard Exterior Lighting	Standard Exterior Lighting	Per Building SqFt	New	-	14	$ -	100%	-
Education	Ext Lighting	Lighting - LED Lighting Package	Exterior LED Lighting Package	Standard Lighting	Per Lighting Package	Existing	237.50	13	$ 305.48	66%	-
Education	Ext Lighting	Lighting - High Intensity Discharge	High Efficiency Metal Halide Lighting Packages	Standard HID Lighting	Per Lighting Package	Existing	102.33	5	$ (2.04)	62%	11
Education	Ext Lighting	Lighting - Induction Lighting Package	Induction Lighting Package	Standard HID Lighting	Per Lighting Package	Existing	290.92	13	$ 62.98	67%	80
Education	Fax	Fax - ENERGY STAR	ENERGY STAR Fax	Standard Fax	Per Building SqFt	Existing	0.00	6	$ -	100%	21
Education	Fax	Fax - ENERGY STAR	ENERGY STAR Fax	Standard Fax	Per Building SqFt	New	0.00	6	$ -	100%	1
Education	Fax	Fax - Standard	Standard Fax	Standard Fax	Per Building SqFt	Existing	-	6	$ -	100%	-
Education	Fax	Fax - Standard	Standard Fax	Standard Fax	Per Building SqFt	New	-	6	$ -	100%	-
Education	Flat Screen	Monitor - ENERGY STAR Flat Screen	ENERGY STAR Flat Screen Monitor	Standard Flat Screen Monitor	Per Building SqFt	Existing	0.00	4	$ 0.00	100%	-
Education	Flat Screen	Monitor - ENERGY STAR Flat Screen	ENERGY STAR Flat Screen Monitor	Standard Flat Screen Monitor	Per Building SqFt	New	0.00	4	$ 0.00	100%	-
Education	Flat Screen	Monitor - Standard Flat Screen	Standard Flat Screen Monitor	Standard Flat Screen Monitor	Per Building SqFt	Existing	-	4	$ -	100%	-
Education	Flat Screen	Monitor - Standard Flat Screen	Standard Flat Screen Monitor	Standard Flat Screen Monitor	Per Building SqFt	New	-	4	$ -	100%	-
Education	Freezers	Freezer - 2014 Federal Standard	2014 Standard Freezer	Standard Freezer	Per Building SqFt	Existing	0.00	12	$ 0.00	100%	-
Education	Freezers	Freezer - 2014 Federal Standard	2014 Standard Freezer	Standard Freezer	Per Building SqFt	New	0.00	12	$ 0.00	100%	-
Education	Freezers	Freezer - Below Standard	Below Standard Freezer	Below Standard Freezer	Per Building SqFt	Existing	-	12	$ -	100%	-
Education	Freezers	Freezer - Below Standard	Below Standard Freezer	Below Standard Freezer	Per Building SqFt	New	-	12	$ -	100%	-
Education	Freezers	Freezer - ENERGY STAR	ENERGY STAR Freezer	Standard Freezer	Per Building SqFt	Existing	0.00	12	$ 0.00	100%	-
Education	Freezers	Freezer - ENERGY STAR	ENERGY STAR Freezer	Standard Freezer	Per Building SqFt	New	0.00	12	$ 0.00	100%	-
Education	Freezers	Freezer - Standard	Standard Freezer	Standard Freezer	Per Building SqFt	Existing	-	12	$ -	100%	-
Education	Freezers	Freezer - Standard	Standard Freezer	Standard Freezer	Per Building SqFt	New	-	12	$ -	100%	-
Education	HVAC Aux	Cooling Tower-Two-Speed Fan Motor	Cooling Tower-Two-Speed Fan Motor	Cooling Tower-One-Speed Fan Motor	Per Chiller Ton	Existing	118.02	15	$ 2.35	33%	1,713

Education	HVAC Aux	Cooling Tower-VSD Fan Control	Variable-Speed Tower Fans Replace Two-	Cooling Tower-One-Speed Fan Motor	Per Chiller Ton	Existing	33.72	13	$ 19.00	71%	42
Education	HVAC Aux	Cooling Tower-VSD Fan Control	Variable-Speed Tower Fans Replace Two-	Cooling Tower-One-Speed Fan Motor	Per Chiller Ton	New	22.25	13	$ 19.00	11%	5
Education	HVAC Aux	Demand Controlled Ventilation - Range	For Range Hoods – VFD Controlled	No DCV	Per Range Hood	Existing	1,669.78	10	$12,500.00	64%	-
Education	HVAC Aux	Demand Controlled Ventilation - Range	For Range Hoods – VFD Controlled	No DCV	Per Range Hood	New	1,101.90	10	$ 6,500.00	64%	-
Education	HVAC Aux	ECM Motor	Central Air Conditioner ECM Fan	Standard Motor	Per ECM	Existing	1,093.59	15	$ 200.00	30%	549
Education	HVAC Aux	ECM Motor	Central Air Conditioner ECM Fan	Standard Motor	Per ECM	New	721.67	15	$ 200.00	44%	31
Education	HVAC Aux	ECM Motor	Electric Furnace ECM Fan	Standard Motor	Per ECM	Existing	1,093.59	15	$ 200.00	3%	59
Education	HVAC Aux	ECM Motor	Electric Furnace ECM Fan	Standard Motor	Per ECM	New	721.67	15	$ 200.00	5%	3
Education	HVAC Aux	ECM Motor	Gas Furnace ECM Fan (CEE Air Handling Ratio	Standard Motor	Per ECM	Existing	1,093.59	15	$ 200.00	49%	880
Education	HVAC Aux	ECM Motor	Gas Furnace ECM Fan (CEE Air Handling Ratio	Standard Motor	Per ECM	New	721.67	15	$ 200.00	71%	49
Education	HVAC Aux	HVAC Auxillary - Standard Equipment	Standard HVAC Auxillary	Standard HVAC Auxillary	Per Building SqFt	Existing	-	15	$ -	100%	-
Education	HVAC Aux	HVAC Auxillary - Standard Equipment	Standard HVAC Auxillary	Standard HVAC Auxillary	Per Building SqFt	New	-	15	$ -	100%	-
Education	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 1-15 HP, 1200-3600	NEMA Qualifying Standard Motor	Per Motor	Existing	75.68	15	$ 274.24	67%	-
Education	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 1-15 HP, 1200-3600	NEMA Qualifying Standard Motor	Per Motor	New	75.68	15	$ 274.24	67%	-
Education	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 125-200 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	Existing	2,066.69	15	$ 2,036.86	0%	1
Education	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 125-200 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	New	518.91	15	$ 2,036.86	9%	-
Education	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 20-40 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	Existing	518.91	15	$ 678.39	9%	-
Education	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 20-40 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	New	1,143.16	15	$ 678.39	1%	0
Education	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 250-500 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	Existing	5,959.61	15	$ 4,197.32	0%	0
Education	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 250-500 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	New	2,066.69	15	$ 4,197.32	0%	-
Education	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 50-100 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	Existing	1,143.16	15	$ 1,375.63	1%	2
Education	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 50-100 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	New	5,959.61	15	$ 1,375.63	0%	0
Education	HVAC Aux	Optimized Variable Volume Lab Hood	Optimized Variable Volume Lab Hood Design	Constant Volume Lab Hood Design	Per Lab Hood	Existing	712.44	10	$ 1,705.00	64%	-
Education	HVAC Aux	Optimized Variable Volume Lab Hood	Optimized Variable Volume Lab Hood Design	Constant Volume Lab Hood Design	Per Lab Hood	New	470.14	10	$ 1,705.00	64%	-
Education	HVAC Aux	Variable Air-Volume Systems	Install Variable Air-Volume System	Constant Volume System	Per Building SqFt	Existing	0.27	15	$ 1.19	10%	-
Education	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 1-15 HP	Constant Speed Motor	Per Building	Existing	17,810.99	15	$ 3,942.31	67%	4,931
Education	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 1-15 HP	Constant Speed Motor	Per Building	New	11,753.55	15	$ 3,942.31	67%	190
Education	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 125-200 HP	Constant Speed Motor	Per Building	Existing	17,810.99	15	$ 1,851.72	1%	45
Education	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 125-200 HP	Constant Speed Motor	Per Building	New	11,753.55	15	$ 1,851.72	1%	2
Education	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 20-40 HP	Constant Speed Motor	Per Building	Existing	17,810.99	15	$ 2,284.83	4%	317
Education	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 20-40 HP	Constant Speed Motor	Per Building	New	11,753.55	15	$ 2,284.83	4%	12
Education	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 250-500 HP	Constant Speed Motor	Per Building	Existing	17,810.99	15	$ 1,405.24	0%	17
Education	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 250-500 HP	Constant Speed Motor	Per Building	New	11,753.55	15	$ 1,405.24	0%	1
Education	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 50-100 HP	Constant Speed Motor	Per Building	Existing	17,810.99	15	$ 2,814.92	1%	101
Education	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 50-100 HP	Constant Speed Motor	Per Building	New	11,753.55	15	$ 2,814.92	1%	4
Education	Heat Pump	Commissioning	Commissioning/QI - New Installation	No Commissioning	Per SqFt	New	0.82	7	$ 1.16	90%	-
Education	Heat Pump	Cool Roofs	ENERGY STAR Cool Roof - Reflect Material	Standard Roof	Per Roof Area SqFt	Existing	0.19	15	$ 0.68	64%	-
Education	Heat Pump	Cool Roofs	ENERGY STAR Cool Roof - Reflect Material	Standard Roof	Per Roof Area SqFt	New	0.10	15	$ 0.68	64%	-
Education	Heat Pump	Demand Controlled Ventilation	Demand Controlled Ventilation - DCV	Constant Ventilation	Per Sensor	Existing	1,459.34	15	$ 450.00	60%	4,937
Education	Heat Pump	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	Existing	32,782.65	5	$ 4,003.49	33%	623
Education	Heat Pump	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	New	24,714.84	5	$ 4,003.49	33%	34
Education	Heat Pump	Direct Digital Control System-	DDC Retrofit - EMS Upgrade	Pneumatic	Per Building	Existing	49,173.98	5	$29,213.87	6%	-
Education	Heat Pump	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	Existing	296.41	20	$ 477.04	76%	-
Education	Heat Pump	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	New	296.41	20	$ 477.04	76%	-
Education	Heat Pump	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	Existing	131.74	20	$ 60.58	62%	16
Education	Heat Pump	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	New	131.74	20	$ 60.58	62%	1
Education	Heat Pump	Duct Repair And Sealing	Reduction In Duct Losses to 5%	No Repair or Sealing, 15% duct losses	Per Building SqFt	Existing	0.25	18	$ 0.24	38%	150
Education	Heat Pump	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	Existing	14,752.19	10	$ 5,450.00	62%	374
Education	Heat Pump	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	New	11,121.68	10	$ 5,450.00	62%	19
Education	Heat Pump	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	Existing	0.19	30	$ 10.13	75%	-
Education	Heat Pump	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	New	0.10	30	$ 10.13	75%	-
Education	Heat Pump	Heat Pump - Below Standard	Below Standard Air Source Heat Pump 9.0 EER	Below Standard Air Source Heat Pump 9.0 EER	Per Building SqFt	Existing	-	15	$ -	100%	-
Education	Heat Pump	Heat Pump - Below Standard	Below Standard Air Source Heat Pump 9.0 EER	Below Standard Air Source Heat Pump 9.0 EER	Per Building SqFt	New	-	15	$ -	100%	-
Education	Heat Pump	Heat Pump - ENERGY STAR	ENERGY STAR Ground Source Heat Pump	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	Existing	1.35	15	$ 16.24	5%	-
Education	Heat Pump	Heat Pump - ENERGY STAR	ENERGY STAR Ground Source Heat Pump	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	New	0.99	15	$ 10.44	5%	-
Education	Heat Pump	Heat Pump - High Efficiency	High Efficiency Air Source Heat Pump 11.1 EER	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	Existing	0.28	15	$ 0.15	100%	222
Education	Heat Pump	Heat Pump - High Efficiency	High Efficiency Air Source Heat Pump 11.1 EER	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	New	0.21	15	$ 0.15	100%	22
Education	Heat Pump	Heat Pump - Premium Efficiency	Premium Efficiency Water Source Heat Pump	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	Existing	1.76	15	$ 0.77	5%	74
Education	Heat Pump	Heat Pump - Premium Efficiency	Premium Efficiency Water Source Heat Pump	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	New	1.35	15	$ 0.88	5%	8
Education	Heat Pump	Heat Pump - Standard	Federal Standard Air Source Heat Pump 10.6	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	Existing	-	15	$ -	100%	-
Education	Heat Pump	Heat Pump - Standard	Federal Standard Air Source Heat Pump 10.6	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	New	-	15	$ -	100%	-
Education	Heat Pump	Heat Pump - Variable Refrigerant Flow	Variable Refrigerant Flow System (VRF) - Heat	Packaged VAV With Electric Reheat	Per Ton	Existing	1,179.21	15	$ 540.00	33%	2,275
Education	Heat Pump	Heat Pump - Variable Refrigerant Flow	Variable Refrigerant Flow System (VRF) - Heat	Packaged VAV With Electric Reheat	Per Ton	New	889.01	15	$ 540.00	81%	307

Education	Heat Pump	Infiltration Control	Weather-Stripping	Standard Practice	Per Window SqFt	Existing	5.49	13	$ 0.39	9%	130
Education	Heat Pump	Insulation - Duct	New Duct Insulation (R-8) (Unconditioned	No Insulation	Per Surface Area of Duct	Existing	4.46	20	$ 2.61	15%	114
Education	Heat Pump	Insulation - Floor	R-30	Average Existing Insulation (R-10)	Per Floor Area SqFt	Existing	0.29	25	$ 1.82	29%	-
Education	Heat Pump	Insulation - Roof	R-20ci	Average Existing Insulation (R-10)	Per Roof Area SqFt	Existing	0.19	25	$ 1.77	13%	-
Education	Heat Pump	Insulation - Wall	R-13+R-7.5ci	Average Existing Insulation (R-10)	Per Wall Area SqFt	Existing	0.59	25	$ 1.84	33%	-
Education	Heat Pump	Package Terminal - Heat Pump	High Efficiency Package Terminal Air	Federal Standard Equipment	Per Ton	Existing	35.17	15	$ 150.01	10%	-
Education	Heat Pump	Package Terminal - Heat Pump	High Efficiency Package Terminal Air	Federal Standard Equipment	Per Ton	New	35.17	15	$ 150.01	10%	-
Education	Heat Pump	Retro-Commissioning	Retro-Commissioning	No Retro-Commissioning	Per SqFt	Existing	1.33	7	$ 0.30	90%	2,272
Education	Heat Pump	Thermostat Programmable	Setback Thermostat 5-1-1, 5-2 or 7-day	Manual Thermostat	Per Thermostat	Existing	2,458.70	15	$ 138.50	36%	259
Education	Heat Pump	Tune-up - Air Source Heat Pump	Air Source Heat Pump Maintenance (Tune-up)	Unmaintained Air Source Heat Pump	Per Ton	Existing	310.32	3	$ 48.00	48%	31
Education	Heat Pump	Tune-up - Ground Source Heat Pump	Ground Source Heat Pump Maintenance (Tune-	Unmaintained Ground Source Heat Pump	Per Ton	Existing	310.32	3	$ 48.00	48%	31
Education	Heat Pump	Variable Air-Volume Systems	Install Variable Air-Volume System	Constant Volume System	Per Building SqFt	Existing	1.41	15	$ 1.19	10%	396
Education	Heat Pump	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	Existing	1.22	25	$ 3.67	53%	-
Education	Heat Pump	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	New	1.22	25	$ 3.67	60%	-
Education	Heat Pump	Window - Metal Framing	U-Value = 0.55 (Code Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	1.27	25	$ 27.83	10%	-
Education	Heat Pump	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	Existing	0.78	25	$ 2.08	12%	-
Education	Heat Pump	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	New	0.78	25	$ 2.08	14%	-
Education	Heat Pump	Window - Non-Metal Framing	U-Value = 0.35 (Code Non-Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	3.90	25	$ 42.42	12%	-
Education	Lighting	Bi-Level Control, Stairwell Lighting	Bi-Level Stairwell Occupancy Sensor Control,	Continuous Full Power Lighting in Stairways	Per Stairwell Lighting Control	Existing	399.71	9	$ 107.50	68%	2,191
Education	Lighting	Bi-Level Control, Stairwell Lighting	Bi-Level Stairwell Occupancy Sensor Control,	Continuous Full Power Lighting in Stairways	Per Stairwell Lighting Control	New	258.54	9	$ 107.50	68%	83
Education	Lighting	Ceiling Fans	ENERGY STAR Ceiling Fans with Light Kit	Standard Ceiling Fan	Per Ceiling Fan	Existing	98.55	10	$ 119.55	85%	-
Education	Lighting	Ceiling Fans	ENERGY STAR Ceiling Fans with Light Kit	Standard Ceiling Fan	Per Ceiling Fan	New	98.55	10	$ 119.55	85%	-
Education	Lighting	Daylighting Controls	Continuous Dimming, Fluorescent Fixtures (Day-	No Dimming Controls	Per Applicable SQFT of Dimmable Perimeter	Existing	2.80	9	$ 1.67	60%	8,811
Education	Lighting	Daylighting Controls	Continuous Dimming, Fluorescent Fixtures (Day-	No Dimming Controls	Per Applicable SQFT of Dimmable Perimeter	New	1.81	13	$ 1.67	0%	-
Education	Lighting	Daylighting Controls	Dual Level Switches, Fluorescent Fixtures	No Dimming Controls	Per Applicable SQFT of Dimmable Perimeter	Existing	1.15	9	$ 0.83	60%	-
Education	Lighting	Daylighting Controls	Dual Level Switches, Fluorescent Fixtures	No Dimming Controls	Per Applicable SQFT of Dimmable Perimeter	New	0.74	13	$ 0.83	0%	-
Education	Lighting	Exit Sign - LED	LED Exit Signs	CFL Exit Sign	Per Exit Sign	Existing	175.20	11	$ 68.22	37%	483
Education	Lighting	Exit Sign - Photoluminescent	Photoluminescent Exit Sign	LED Exit Sign	Per Exit Sign	Existing	35.04	13	$ 30.00	93%	245
Education	Lighting	Exit Sign - Photoluminescent	Photoluminescent Exit Sign	LED Exit Sign	Per Exit Sign	New	35.04	13	$ 30.00	93%	14
Education	Lighting	LED Refrigerated Case Lighting	LED Refrigerated Case Lighting	Fluorescent	Per Refrigerated Glass Case	Existing	105.60	13	$ 600.00	49%	-
Education	Lighting	LED Refrigerated Case Lighting	LED Refrigerated Case Lighting	Fluorescent	Per Refrigerated Glass Case	New	105.60	13	$ 600.00	49%	-
Education	Lighting	LED Strip Lighting	LED Strip Lighting (Non-Refrigerated)	Fluorescent	Per Linear Foot of Lighting	Existing	0.28	11	$ 2.99	78%	-
Education	Lighting	LED Strip Lighting	LED Strip Lighting (Non-Refrigerated)	Fluorescent	Per Linear Foot of Lighting	New	0.28	11	$ 2.99	78%	-
Education	Lighting	LightLouver Daylighting System	LightLouver Daylighting System	No Daylight System	Per Linear Feet of Window	Existing	49.82	9	$ 65.00	40%	-
Education	Lighting	Lighting - CFL Lamp Package	ENERGY STAR CFL	EISA Incandescent	Per Building	Existing	3,624.32	4	$ 44.36	68%	267
Education	Lighting	Lighting - Clock/Timer	Lighting Clock/Timer Commercial grade	No Time Clock	Per Lighting Control	Existing	1,367.90	9	$ 205.43	38%	1,511
Education	Lighting	Lighting - Fluorescent High	Fluorescent HP Lamps and Ballasts Packages	Standard Lighting	Per Lighting Package	Existing	16,460.93	13	$57,538.89	90%	-
Education	Lighting	Lighting - Fluorescent Reduced	Fluorescent RW Lamps and Ballasts Packages	Standard Lighting	Per Lighting Package	Existing	32,921.86	13	$48,310.06	76%	-
Education	Lighting	Lighting - High Bay Fluorescent High	High Bay Fluorescent HO Packages	Standard HID Lighting	Per Lighting Package	Existing	8,936.14	15	$ 2,377.79	73%	1,704
Education	Lighting	Lighting - High Bay LED Package	High Bay LED Package	Standard HID Lighting	Per Lighting Package	Existing	5,871.14	20	$44,706.63	94%	-
Education	Lighting	Lighting - High Intensity Discharge	High Efficiency Metal Halide Lighting Packages	Standard HID Lighting	Per Lighting Package	Existing	3,625.28	15	$ 2,351.55	67%	-
Education	Lighting	Lighting - Induction Lighting Package	Induction Lighting Package	Standard HID Lighting	Per Lighting Package	Existing	10,017.22	20	$ 3,062.28	38%	1,573
Education	Lighting	Lighting - LED Lamp Package	ENERGY STAR LED	EISA Incandescent	Per Lighting Package	Existing	4,366.12	12	$ 2,067.82	73%	1,326
Education	Lighting	Lighting - LPD Package	LPD Reduction Package 15%	LPD Code	Per Lighting Package	New	19,057.35	15	$ 598.72	68%	86
Education	Lighting	Lighting - LPD Package	LPD Reduction Package 25%	LPD Code	Per Lighting Package	New	31,762.25	15	$ 4,981.57	71%	545
Education	Lighting	Lighting - Specialty Lamp Package	CFL and LED Specialty Lamp Package	Standard Incandescent	Per Lighting Package	Existing	585.32	6	$ 78.42	81%	195
Education	Lighting	Lighting - Standard	Standard Lighting	Standard Lighting	Per Building SqFt	Existing	-	14	$ -	100%	-
Education	Lighting	Lighting - Standard	Standard Lighting	Standard Lighting	Per Building SqFt	New	-	14	$ -	100%	-
Education	Lighting	Occupancy Sensor - High-Bay	Fixture-Mounted (Control > 150 Watts)	No Sensor	Per Lighting Control	Existing	786.92	14	$ 225.00	9%	254
Education	Lighting	Occupancy Sensor - High-Bay	Fixture-Mounted (Control > 150 Watts)	No Sensor	Per Lighting Control	New	509.01	14	$ 225.00	9%	10
Education	Lighting	Occupancy Sensor - Wall or Ceiling	Wall or Ceiling-Mounted (Control > 400 Watts)	No Sensor	Per Lighting Control	Existing	63.39	14	$ 225.00	62%	-
Education	Lighting	Occupancy Sensor - Wall or Ceiling	Wall or Ceiling-Mounted (Control > 400 Watts)	No Sensor	Per Lighting Control	New	41.00	14	$ 225.00	62%	-
Education	Other	Compressed Air Optimization	Compressed Air - Leak Audit, New	No Leak Audit And No New Compressor And	Per Compressor HP	Existing	281.82	10	$ 50.00	37%	38
Education	Other	Other - Standard	Standard Other Equipment	Standard Other Equipment	Per Building SqFt	Existing	-	10	$ -	100%	-
Education	Other	Other - Standard	Standard Other Equipment	Standard Other Equipment	Per Building SqFt	New	-	10	$ -	100%	-
Education	Other	Transformers	Transformers, Three-Phase Low-Voltage Dry-	Standard Efficiency Transformer NEMA TP-1-	Per Transformer	Existing	578.47	30	$ 1,115.00	50%	119
Education	Other	Transformers	Transformers, Three-Phase Low-Voltage Dry-	Standard Efficiency Transformer NEMA TP-1-	Per Transformer	New	578.47	30	$ 1,115.00	50%	7
Education	Other Plug	All-In-One Office Equipment	All-In-One ENERGY STAR Office Equipment	Non-ENERGY STAR Features	Per All-in-One Device	Existing	200.08	6	$ 218.33	68%	-
Education	Other Plug	All-In-One Office Equipment	All-In-One ENERGY STAR Office Equipment	Non-ENERGY STAR Features	Per All-in-One Device	New	200.08	6	$ 218.33	68%	-
Education	Other Plug	Ceiling Fans	ENERGY STAR Ceiling Fans with Light Kit	Standard Ceiling Fan	Per Ceiling Fan	Existing	4.33	10	$ 119.55	85%	-
Education	Other Plug	Ceiling Fans	ENERGY STAR Ceiling Fans with Light Kit	Standard Ceiling Fan	Per Ceiling Fan	New	4.33	10	$ 119.55	85%	-
Education	Other Plug	Ceiling Fans	ENERGY STAR Ceiling Fans without Light Kit	Standard Ceiling Fan	Per Ceiling Fan	Existing	4.33	10	$ 1.46	85%	6
Education	Other Plug	Ceiling Fans	ENERGY STAR Ceiling Fans without Light Kit	Standard Ceiling Fan	Per Ceiling Fan	New	4.33	10	$ 1.46	85%	0

Education	Other Plug	Plug Load - Standard Equipment	Standard Plug Load	Standard Plug Load	Per Building SqFt	Existing	-	10	$ -	100%	-
Education	Other Plug	Plug Load - Standard Equipment	Standard Plug Load	Standard Plug Load	Per Building SqFt	New	-	10	$ -	100%	-
Education	Other Plug	Snow Melt System Control	Snow Melt System Control	Manual Control	Per Snow Melt Control	Existing	955.07	25	$ 2,782.00	5%	-
Education	Other Plug	Snow Melt System Control	Snow Melt System Control	Manual Control	Per Snow Melt Control	New	995.93	25	$ 2,782.00	0%	-
Education	Other Plug	Water Coolers	ENERGY STAR Water Cooler	Non-ENERGY STAR Water Cooler	Per Water Cooler	Existing	204.86	10	$ 5.00	8%	13
Education	Other Plug	Water Coolers	ENERGY STAR Water Cooler	Non-ENERGY STAR Water Cooler	Per Water Cooler	New	213.62	10	$ 5.00	8%	1
Education	Photo	Photo Copier - ENERGY STAR	ENERGY STAR Photo Copier	Standard Photo Copier	Per Building SqFt	Existing	0.00	6	$ 0.00	100%	-
Education	Photo	Photo Copier - ENERGY STAR	ENERGY STAR Photo Copier	Standard Photo Copier	Per Building SqFt	New	0.00	6	$ 0.00	100%	-
Education	Photo	Photo Copiers - Standard	Standard Photo Copier	Standard Photo Copier	Per Building SqFt	Existing	-	6	$ -	100%	-
Education	Photo	Photo Copiers - Standard	Standard Photo Copier	Standard Photo Copier	Per Building SqFt	New	-	6	$ -	100%	-
Education	Printers	Printers - ENERGY STAR	ENERGY STAR Printers	Standard Printers	Per Building SqFt	Existing	0.03	6	$ 0.01	100%	381
Education	Printers	Printers - ENERGY STAR	ENERGY STAR Printers	Standard Printers	Per Building SqFt	New	0.03	6	$ 0.01	100%	27
Education	Printers	Printers - Standard	Standard Printers	Standard Printers	Per Building SqFt	Existing	-	6	$ 0.01	100%	-
Education	Printers	Printers - Standard	Standard Printers	Standard Printers	Per Building SqFt	New	-	6	$ 0.01	100%	-
Education	Refrigeratio	Anti-Sweat Heater Controls	Variable Temperature Controls (Humidistat)	Constant Controls	Per Control (Weighted by Grocery	Existing	767.25	12	$ 78.84	79%	242
Education	Refrigeratio	Anti-Sweat Heater Controls	Variable Temperature Controls (Humidistat)	Constant Controls	Per Control (Weighted by Grocery	New	767.25	12	$ 78.84	20%	4
Education	Refrigeratio	Case Fans with ECM motors	ECM Motors on Evaporator Fan for Display	Standard Case Fan Motor	Per ECM (Weighted by Grocery	Existing	1,018.06	12	$ 243.00	37%	149
Education	Refrigeratio	Case Fans with ECM motors	ECM Motors on Evaporator Fan for Display	Standard Case Fan Motor	Per ECM (Weighted by Grocery	New	1,018.06	12	$ 243.00	37%	9
Education	Refrigeratio	Demand Control Defrost - Electric	Refrigerant Defrost	No Demand Control Defrost	Per Building SqFt	Existing	0.01	10	$ 0.10	41%	-
Education	Refrigeratio	Demand Control Defrost - Hot Gas	Refrigerant Defrost	No Demand Control Defrost	Per Building SqFt	Existing	0.02	10	$ 0.12	41%	-
Education	Refrigeratio	Evaporator Fans - Walk-ins	High-Efficiency Evaporator Fans, Walk-in	Standard Evaporator Fans	Per Walk-in Fan	Existing	435.00	15	$ 132.39	69%	398
Education	Refrigeratio	Evaporator Fans - Walk-ins	High-Efficiency Evaporator Fans, Walk-in	Standard Evaporator Fans	Per Walk-in Fan	New	435.00	15	$ 132.39	69%	23
Education	Refrigeratio	Glass Door Refrigerators	ENERGY STAR Qualified (Volume 0 to 50+	Standard Equipment	Per Glass Door Refrigerator	Existing	1,086.26	12	$ 704.49	95%	53
Education	Refrigeratio	Glass Door Refrigerators	ENERGY STAR Qualified (Volume 0 to 50+	Standard Equipment	Per Glass Door Refrigerator	New	1,086.26	12	$ 704.49	90%	3
Education	Refrigeratio	Ice Makers, Air Cooled	ENERGY STAR Qualified, Ice-Making Head	Standard Equipment	Per Ice Maker	Existing	1,197.10	10	$ 140.00	33%	163
Education	Refrigeratio	Ice Makers, Air Cooled	ENERGY STAR Qualified, Ice-Making Head	Standard Equipment	Per Ice Maker	New	1,197.10	10	$ 140.00	33%	10
Education	Refrigeratio	Ice Makers, Air Cooled	ENERGY STAR Qualified, Remote Condensing	Standard Equipment	Per Ice Maker	Existing	1,293.25	10	$ 5.00	33%	176
Education	Refrigeratio	Ice Makers, Air Cooled	ENERGY STAR Qualified, Remote Condensing	Standard Equipment	Per Ice Maker	New	1,293.25	10	$ 5.00	33%	10
Education	Refrigeratio	Ice Makers, Air Cooled	ENERGY STAR Qualified, Self-Contained	Standard Equipment	Per Ice Maker	Existing	317.99	10	$ 5.00	33%	37
Education	Refrigeratio	Ice Makers, Air Cooled	ENERGY STAR Qualified, Self-Contained	Standard Equipment	Per Ice Maker	New	317.99	10	$ 5.00	33%	2
Education	Refrigeratio	Ice Makers, Water-Cooled	Ice-Making Head - Water Cooled	Standard Equipment	Per Ice Maker	Existing	894.30	10	$ 1,000.00	33%	-
Education	Refrigeratio	Ice Makers, Water-Cooled	Ice-Making Head - Water Cooled	Standard Equipment	Per Ice Maker	New	894.30	10	$ 1,000.00	33%	-
Education	Refrigeratio	Ice Makers, Water-Cooled	Self-Contained - Water Cooled	Standard Equipment	Per Ice Maker	Existing	187.70	10	$ 850.00	33%	-
Education	Refrigeratio	Ice Makers, Water-Cooled	Self-Contained - Water Cooled	Standard Equipment	Per Ice Maker	New	187.70	10	$ 850.00	33%	-
Education	Refrigeratio	Night Covers for Display Cases	Night Covers for Display Cases	No Night Covers	Per Building	Existing	250.61	10	$ 589.68	5%	-
Education	Refrigeratio	Night Covers for Display Cases	Night Covers for Display Cases	No Night Covers	Per Building	New	258.28	10	$ 589.68	5%	-
Education	Refrigeratio	Novelty Cooler Shutoff	Cooler Shutoff with Controls System or Shutoff	No Cooler Shutoff	Per Cooler Case	Existing	937.52	10	$ 140.63	63%	122
Education	Refrigeratio	Novelty Cooler Shutoff	Cooler Shutoff with Controls System or Shutoff	No Cooler Shutoff	Per Cooler Case	New	937.52	10	$ 140.63	63%	7
Education	Refrigeratio	Occupancy Sensor - Refrigerated	Occupancy Sensor - Refrigerated Cases	No Sensor	Per Linear Foot of Refrigerated Display Case	Existing	20.45	8	$ 3.00	14%	5
Education	Refrigeratio	Occupancy Sensor - Refrigerated	Occupancy Sensor - Refrigerated Cases	No Sensor	Per Linear Foot of Refrigerated Display Case	New	20.45	8	$ 3.00	14%	0
Education	Refrigeratio	Refrigeration - Retro-Commissioning	Refrigeration Retro Commissioning	No Retro-Commissioning	Per Refrigeration Ton	Existing	49.14	10	$ 191.95	78%	-
Education	Refrigeratio	Refrigeration - Commissioning	Commissioning (Refrigeration System	No Commissioning	Per Refrigeration Ton	New	50.64	3	$ 49.60	87%	-
Education	Refrigeratio	Refrigeration - Standard	Standard Refrigeration	Standard Refrigeration	Per Building SqFt	Existing	-	14	$ -	100%	-
Education	Refrigeratio	Refrigeration - Standard	Standard Refrigeration	Standard Refrigeration	Per Building SqFt	New	-	14	$ -	100%	-
Education	Refrigeratio	Solid Door Freezers	ENERGY STAR Qualified (Volume 0 to 50+	Standard Equipment	Per Commercial Freezer	Existing	1,463.00	12	$ 247.00	76%	11
Education	Refrigeratio	Solid Door Freezers	ENERGY STAR Qualified (Volume 0 to 50+	Standard Equipment	Per Commercial Freezer	New	1,463.00	12	$ 247.00	76%	1
Education	Refrigeratio	Solid Door Refrigerators	ENERGY STAR Qualified (Volume 0 to 50+	Standard Equipment	Per Commercial Refrigerator	Existing	849.00	12	$ 124.00	75%	6
Education	Refrigeratio	Solid Door Refrigerators	ENERGY STAR Qualified (Volume 0 to 50+	Standard Equipment	Per Commercial Refrigerator	New	849.00	12	$ 124.00	75%	0
Education	Refrigeratio	Strip Curtains for Walk-Ins	Strip Curtains for Walk-Ins	No Strip Curtains for Walk-Ins	Per Walk-in	Existing	393.12	4	$ 300.00	20%	-
Education	Refrigeratio	Strip Curtains for Walk-Ins	Strip Curtains for Walk-Ins	No Strip Curtains for Walk-Ins	Per Walk-in	New	405.15	4	$ 300.00	20%	-
Education	Refrigerator	Refrigerator - 2014 Federal Standard	2014 Standard Refrigerator	Standard Refrigerator	Per Building SqFt	Existing	0.02	13	$ 0.06	100%	-
Education	Refrigerator	Refrigerator - 2014 Federal Standard	2014 Standard Refrigerator	Standard Refrigerator	Per Building SqFt	New	0.02	13	$ 0.06	100%	-
Education	Refrigerator	Refrigerator - Below Standard	Below Standard Refrigerator	Below Standard Refrigerator	Per Building SqFt	Existing	-	13	$ -	100%	-
Education	Refrigerator	Refrigerator - Below Standard	Below Standard Refrigerator	Below Standard Refrigerator	Per Building SqFt	New	-	13	$ -	100%	-
Education	Refrigerator	Refrigerator - CEE Tier 1	CEE Tier 1 Refrigerator	Standard Refrigerator	Per Building SqFt	Existing	0.02	13	$ 0.08	100%	-
Education	Refrigerator	Refrigerator - CEE Tier 1	CEE Tier 1 Refrigerator	Standard Refrigerator	Per Building SqFt	New	0.02	13	$ 0.08	100%	-
Education	Refrigerator	Refrigerator - CEE Tier 2	CEE Tier 2 Refrigerator	Standard Refrigerator	Per Building SqFt	Existing	0.01	13	$ 0.04	100%	-
Education	Refrigerator	Refrigerator - CEE Tier 2	CEE Tier 2 Refrigerator	Standard Refrigerator	Per Building SqFt	New	0.01	13	$ 0.04	100%	-
Education	Refrigerator	Refrigerator - ENERGY STAR	ENERGY STAR Refrigerator	Standard Refrigerator	Per Building SqFt	Existing	0.01	13	$ 0.02	100%	-
Education	Refrigerator	Refrigerator - ENERGY STAR	ENERGY STAR Refrigerator	Standard Refrigerator	Per Building SqFt	New	0.01	13	$ 0.02	100%	-
Education	Refrigerator	Refrigerator - Federal Standard	Standard Refrigerator	Standard Refrigerator	Per Building SqFt	Existing	-	13	$ -	100%	-
Education	Refrigerator	Refrigerator - Federal Standard	Standard Refrigerator	Standard Refrigerator	Per Building SqFt	New	-	13	$ -	100%	-
Education	Servers	Server - ENERGY STAR	ENERGY STAR Server	Standard Server	Per Building SqFt	Existing	0.00	9	$ 0.00	100%	51

Education	Servers	Server - ENERGY STAR	ENERGY STAR Server	Standard Server	Per Building SqFt	New	0.00	9	$ 0.00	100%	4
Education	Servers	Server - Standard	Standard Server	Standard Server	Per Building SqFt	Existing	-	9	$ -	100%	-
Education	Servers	Server - Standard	Standard Server	Standard Server	Per Building SqFt	New	-	9	$ -	100%	-
Education	Space Heat	Demand Controlled Ventilation	Demand Controlled Ventilation - DCV	Constant Ventilation	Per Sensor	Existing	1,588.46	15	$ 450.00	60%	2,954
Education	Space Heat	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	Existing	41,630.23	5	$ 3,122.28	33%	569
Education	Space Heat	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	New	52,030.22	5	$ 2,001.75	33%	43
Education	Space Heat	Direct Digital Control System-	DDC Retrofit - EMS Upgrade	Pneumatic	Per Building	Existing	62,445.34	5	$ 2,986.28	6%	161
Education	Space Heat	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	Existing	488.92	20	$ 477.04	76%	-
Education	Space Heat	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	New	488.92	20	$ 477.04	76%	-
Education	Space Heat	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	Existing	217.30	20	$ 60.58	62%	19
Education	Space Heat	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	New	217.30	20	$ 60.58	62%	1
Education	Space Heat	Duct Repair And Sealing	Reduction In Duct Losses to 5%	No Repair or Sealing, 15% duct losses	Per Building SqFt	Existing	0.32	18	$ 0.24	38%	151
Education	Space Heat	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	Existing	18,733.60	10	$ 5,450.00	62%	376
Education	Space Heat	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	New	23,413.60	10	$ 5,450.00	62%	34
Education	Space Heat	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	Existing	1.06	30	$ 10.13	75%	-
Education	Space Heat	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	New	1.32	30	$ 10.13	75%	-
Education	Space Heat	Infiltration Control	Weather-Stripping	Standard Practice	Per Window SqFt	Existing	8.02	13	$ 0.39	9%	109
Education	Space Heat	Insulation - Duct	New Duct Insulation (R-8) (Unconditioned	No Insulation	Per Surface Area of Duct	Existing	5.67	20	$ 2.61	15%	86
Education	Space Heat	Insulation - Floor	R-30	Average Existing Insulation (R-10)	Per Floor Area SqFt	Existing	0.48	25	$ 1.82	29%	-
Education	Space Heat	Insulation - Roof	R-20ci	Average Existing Insulation (R-10)	Per Roof Area SqFt	Existing	0.32	25	$ 1.77	13%	-
Education	Space Heat	Insulation - Wall	R-13+R-7.5ci	Average Existing Insulation (R-10)	Per Wall Area SqFt	Existing	0.97	25	$ 1.84	33%	-
Education	Space Heat	Space Heat - Standard	Standard Space Heat	Standard Space Heat	Per Building SqFt	Existing	-	20	$ -	100%	-
Education	Space Heat	Space Heat - Standard	Standard Space Heat	Standard Space Heat	Per Building SqFt	New	-	20	$ -	100%	-
Education	Space Heat	Thermostat Programmable	Setback Thermostat 5-1-1, 5-2 or 7-day	Manual Thermostat	Per Thermostat	Existing	3,122.27	15	$ 138.50	36%	189
Education	Space Heat	Variable Air-Volume Systems	Install Variable Air-Volume System	Constant Volume System	Per Building SqFt	Existing	1.38	15	$ 1.19	10%	-
Education	Space Heat	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	Existing	2.01	25	$ 3.67	53%	-
Education	Space Heat	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	New	2.01	25	$ 3.67	60%	-
Education	Space Heat	Window - Metal Framing	U-Value = 0.55 (Code Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	2.10	25	$ 27.83	10%	-
Education	Space Heat	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	Existing	1.29	25	$ 2.08	12%	-
Education	Space Heat	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	New	1.29	25	$ 2.08	14%	-
Education	Space Heat	Window - Non-Metal Framing	U-Value = 0.35 (Code Non-Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	6.43	25	$ 42.42	12%	-
Education	Vending	Vending Machine - Controller	Refrigerated Vending Machine Controller	No Controls	Per Vending Machine	Existing	1,394.81	3	$ 238.00	25%	182
Education	Vending	Vending Machine - Controller	Refrigerated Vending Machine Controller	No Controls	Per Vending Machine	New	1,394.81	3	$ 238.00	25%	9
Education	Vending	Vending Machine - ENERGY STAR	ENERGY STAR Vending Machine	Standard Vending Machine	Per Building SqFt	Existing	0.05	10	$ 0.01	100%	453
Education	Vending	Vending Machine - ENERGY STAR	ENERGY STAR Vending Machine	Standard Vending Machine	Per Building SqFt	New	0.05	10	$ 0.01	100%	40
Education	Vending	Vending Machine - Standard	Standard Vending Machine	Standard Vending Machine	Per Building SqFt	Existing	-	10	$ -	100%	-
Education	Vending	Vending Machine - Standard	Standard Vending Machine	Standard Vending Machine	Per Building SqFt	New	-	10	$ -	100%	-
Education	Water Heat	Clothes Washer	Commercial Ozonating Clothes Washer	Standard Commercial Clothes Washer	Per Clothes Washer	Existing	487.10	10	$ 5,944.20	10%	-
Education	Water Heat	Clothes Washer	Commercial Ozonating Clothes Washer	Standard Commercial Clothes Washer	Per Clothes Washer	New	487.10	10	$ 5,944.20	10%	-
Education	Water Heat	Clothes Washer	Residential Grade, Clothes Washer Enhanced	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	2,371.84	11	$ 789.72	33%	176
Education	Water Heat	Clothes Washer	Residential Grade, Clothes Washer Enhanced	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	2,371.84	11	$ 789.72	33%	9
Education	Water Heat	Clothes Washer	Residential Grade, Clothes Washer CEE Tier 2	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	1,707.40	11	$ 391.57	31%	115
Education	Water Heat	Clothes Washer	Residential Grade, Clothes Washer CEE Tier 2	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	1,707.40	11	$ 391.57	31%	6
Education	Water Heat	Clothes Washer	Residential Grade, Clothes Washer CEE Tier 3	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	1,898.12	11	$ 565.12	29%	133
Education	Water Heat	Clothes Washer	Residential Grade, Clothes Washer CEE Tier 3	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	1,898.12	11	$ 565.12	29%	7
Education	Water Heat	Clothes Washer	Residential Grade, Clothes Washer ENERGY	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	1,478.53	11	$ 134.79	28%	-
Education	Water Heat	Clothes Washer	Residential Grade, Clothes Washer ENERGY	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	1,478.53	11	$ 134.79	28%	-
Education	Water Heat	Desuperheaters - Air Conditioner	Add-on Desuperheaters to Air Conditioner	No Desuperheater	Per Desuperheater	Existing	71.54	10	$ 600.00	36%	-
Education	Water Heat	Desuperheaters - Air Source Heat	Add-on Desuperheaters to Air Source Heat	No Desuperheater	Per Desuperheater	Existing	447.29	10	$ 600.00	4%	-
Education	Water Heat	Desuperheaters - Ground Source Heat	Add-on Desuperheaters to Ground Source Heat	No Desuperheater	Per Desuperheater	Existing	447.29	10	$ 600.00	0%	-
Education	Water Heat	Dishwasher	Dishwasher Enhanced Efficiency (EF 1.00) 200	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	Existing	155.00	11	$ 1,067.33	62%	-
Education	Water Heat	Dishwasher	Dishwasher Enhanced Efficiency (EF 1.00) 200	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	New	155.00	11	$ 1,067.33	62%	-
Education	Water Heat	Dishwasher	ENERGY STAR 295 kWh/yr and 4.25	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	Existing	60.00	11	$ 272.18	52%	-
Education	Water Heat	Dishwasher	ENERGY STAR 295 kWh/yr and 4.25	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	New	60.00	11	$ 272.18	52%	-
Education	Water Heat	Dishwasher	High Temp Commercial High Efficiency	Standard High Temp Commercial Dishwasher	Per Dishwasher	Existing	1,032.26	14	$ 442.50	28%	30
Education	Water Heat	Dishwasher	High Temp Commercial High Efficiency	Standard High Temp Commercial Dishwasher	Per Dishwasher	New	1,032.26	14	$ 442.50	28%	1
Education	Water Heat	Dishwasher	Low-Temp Commercial Dishwasher (Includes	Standard High Temp Commercial Dishwasher	Per Dishwasher	Existing	1,616.67	14	$ 307.50	33%	71
Education	Water Heat	Dishwasher	Low-Temp Commercial Dishwasher (Includes	Standard High Temp Commercial Dishwasher	Per Dishwasher	New	1,616.67	14	$ 307.50	33%	3
Education	Water Heat	Drainwater Heat Recovery	Install Power-Pipe or GFX System	No GFX or Power-Pipe System	Per 40 Gal Water Heater	Existing	447.29	40	$ 833.35	60%	248
Education	Water Heat	Drainwater Heat Recovery	Install Power-Pipe or GFX System	No GFX or Power-Pipe System	Per 40 Gal Water Heater	New	447.29	40	$ 666.68	83%	17
Education	Water Heat	Faucet Aerator	0.5 GPM	Existing Aerator (3.0 GPM)	Per Aerator	Existing	41.93	10	$ 4.76	67%	166
Education	Water Heat	Low-Flow Showerheads	2.0 GPM	2.5 GPM Showerhead (Federal Code)	Per Showerhead	Existing	125.80	10	$ 8.29	38%	53
Education	Water Heat	Low-Flow Showerheads	2.0 GPM	2.5 GPM Showerhead (Federal Code)	Per Showerhead	New	125.80	10	$ 8.29	38%	3

Education	Water Heat	Low-Flow Showerheads	2.5 GPM Showerhead (Federal Code)	Existing Showerhead (4.5 GPM)	Per Showerhead	Existing	279.55	10	$ 31.27	9%	27
Education	Water Heat	Low-Flow Spray Heads	1.0 GPM	1.6 GPM (Code)	Per Spray Head	Existing	485.60	5	$ 39.09	38%	48
Education	Water Heat	Low-Flow Spray Heads	1.0 GPM	1.6 GPM (Code)	Per Spray Head	New	485.60	5	$ 39.09	38%	2
Education	Water Heat	Low-Flow Spray Heads	1.6 GPM (Code)	Existing Spray Head (2.5 GPM)	Per Spray Head	Existing	728.40	5	$ 30.00	25%	48
Education	Water Heat	Ultrasonic Faucet Control	Install Ultrasonic Faucet Control	No Faucet Control	Per Faucet	Existing	12.58	10	$ 196.25	71%	-
Education	Water Heat	Ultrasonic Faucet Control	Install Ultrasonic Faucet Control	No Faucet Control	Per Faucet	New	12.58	10	$ 196.25	71%	-
Education	Water Heat	Water Heater - Pipe Insulation	Hot Water Pipe Insulation (R-4)	No Pipe Insulation	Per Linear Foot	Existing	7.19	13	$ 2.10	56%	14
Education	Water Heat	Water Heater - Tank Blanket/Insulation	Install Insulation (R-11)	No Tank Insulation	Per Water Heater	Existing	89.46	7	$ 62.60	5%	-
Education	Water Heat	Water Heater - Thermostat Setback	Install Programmable Thermostat (120 Degrees)	No Thermostat Setback (130 Degrees)	Per Water Heater	Existing	304.28	4	$ 102.34	15%	-
Education	Water Heat	Water Heating - ENERGY STAR	ENERGY STAR Heat Pump Water Heater EF =	Standard Water Heater EF = 0.92	Per Building SqFt	Existing	0.28	13	$ 0.13	75%	595
Education	Water Heat	Water Heating - ENERGY STAR	ENERGY STAR Heat Pump Water Heater EF =	Standard Water Heater EF = 0.92	Per Building SqFt	New	0.28	13	$ 0.13	75%	59
Education	Water Heat	Water Heating - Storage 2015 Standard	2015 Standard Water Heater EF = 0.95	Standard Water Heater EF = 0.92	Per Building SqFt	Existing	0.01	13	$ 0.00	100%	10
Education	Water Heat	Water Heating - Storage 2015 Standard	2015 Standard Water Heater EF = 0.95	Standard Water Heater EF = 0.92	Per Building SqFt	New	0.01	13	$ 0.00	100%	1
Education	Water Heat	Water Heating - Storage Below	Below Standard Water Heater EF = 0.86	Below Standard Water Heater EF = 0.86	Per Building SqFt	Existing	-	13	$ -	100%	-
Education	Water Heat	Water Heating - Storage Below	Below Standard Water Heater EF = 0.86	Below Standard Water Heater EF = 0.86	Per Building SqFt	New	-	13	$ -	100%	-
Education	Water Heat	Water Heating - Storage Standard	Standard Water Heater EF = 0.92	Standard Water Heater EF = 0.92	Per Building SqFt	Existing	-	13	$ -	100%	-
Education	Water Heat	Water Heating - Storage Standard	Standard Water Heater EF = 0.92	Standard Water Heater EF = 0.92	Per Building SqFt	New	-	13	$ -	100%	-
Education	Water Heat	Water Heating - Tankless	Tankless Water Heater EF = 0.95	Standard Water Heater EF = 0.92	Per Building SqFt	Existing	0.03	13	$ 0.03	0%	-
Education	Water Heat	Water Heating - Tankless	Tankless Water Heater EF = 0.95	Standard Water Heater EF = 0.92	Per Building SqFt	New	0.03	13	$ 0.03	0%	-
Grocery	Computers	Computer - ENERGY STAR	ENERGY STAR Computer	Standard Computer	Per Building SqFt	Existing	0.04	4	$ 0.01	100%	156
Grocery	Computers	Computer - ENERGY STAR	ENERGY STAR Computer	Standard Computer	Per Building SqFt	New	0.04	4	$ 0.01	100%	10
Grocery	Computers	Computer - Standard	Standard Computer	Standard Computer	Per Building SqFt	Existing	-	4	$ -	100%	-
Grocery	Computers	Computer - Standard	Standard Computer	Standard Computer	Per Building SqFt	New	-	4	$ -	100%	-
Grocery	Cooking	Convection Oven	ENERGY STAR Convection Oven	Standard Oven	Per Convection Oven	Existing	516.66	15	$ 1,650.00	75%	-
Grocery	Cooking	Convection Oven	ENERGY STAR Convection Oven	Standard Oven	Per Convection Oven	New	531.49	15	$ 1,650.00	75%	-
Grocery	Cooking	Cooking - Standard Equipment	Standard Cooking Equipment	Standard Cooking Equipment	Per Building SqFt	Existing	-	12	$ -	100%	-
Grocery	Cooking	Cooking - Standard Equipment	Standard Cooking Equipment	Standard Cooking Equipment	Per Building SqFt	New	-	12	$ -	100%	-
Grocery	Cooking	Fryer	ENERGY STAR Fryer	Standard	Per Fryer	Existing	226.69	12	$ 1,271.00	25%	-
Grocery	Cooking	Fryer	ENERGY STAR Fryer	Standard	Per Fryer	New	233.20	12	$ 1,271.00	25%	-
Grocery	Cooking	Hot Food Holding Cabinets	ENERGY STAR Qualified (< 40 watts/cubic foot)	Standard Equipment	Per Hot Food Holding Cabinet	Existing	1,547.72	12	$ 1,500.00	47%	-
Grocery	Cooking	Hot Food Holding Cabinets	ENERGY STAR Qualified (< 40 watts/cubic foot)	Standard Equipment	Per Hot Food Holding Cabinet	New	1,592.14	12	$ 1,500.00	47%	12
Grocery	Cooking	Steam Cooker	ENERGY STAR Steam Cooker	Standard	Per Steam Cooker	Existing	3,745.36	12	$ 1,500.00	19%	94
Grocery	Cooking	Steam Cooker	ENERGY STAR Steam Cooker	Standard	Per Steam Cooker	New	3,852.86	12	$ 1,500.00	19%	6
Grocery	Cooling DX	Advanced Control Technology	Advanced Control Technologies for Packaged	Standard Controls	Per 5 Tons of Cooling	Existing	770.12	15	$ 4,920.00	15%	-
Grocery	Cooling DX	Commissioning	Commissioning/QI - New Installation	No Commissioning	Per SqFt	New	0.41	7	$ 1.16	90%	-
Grocery	Cooling DX	Cool Roofs	ENERGY STAR Cool Roof - Reflect Material	Standard Roof	Per Roof Area SqFt	Existing	0.41	15	$ 0.68	93%	889
Grocery	Cooling DX	Cool Roofs	ENERGY STAR Cool Roof - Reflect Material	Standard Roof	Per Roof Area SqFt	New	0.32	15	$ 0.68	93%	-
Grocery	Cooling DX	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	Existing	10,162.83	5	$ 8,259.02	33%	-
Grocery	Cooling DX	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	New	7,773.22	5	$ 5,556.34	33%	-
Grocery	Cooling DX	Direct Digital Control System-	DDC Retrofit - EMS Upgrade	Pneumatic	Per Building	Existing	15,244.24	5	$ 9,587.67	6%	-
Grocery	Cooling DX	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	Existing	24.79	20	$ 477.04	76%	-
Grocery	Cooling DX	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	New	24.79	20	$ 477.04	76%	-
Grocery	Cooling DX	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	Existing	11.02	20	$ 60.58	62%	3
Grocery	Cooling DX	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	New	11.02	20	$ 60.58	62%	0
Grocery	Cooling DX	Duct Repair And Sealing	Reduction In Duct Losses to 5%	No Repair or Sealing, 15% duct losses	Per Building SqFt	Existing	0.12	18	$ 0.24	38%	111
Grocery	Cooling DX	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	Existing	4,573.27	10	$ 5,450.00	54%	-
Grocery	Cooling DX	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	New	3,497.95	10	$ 5,450.00	54%	-
Grocery	Cooling DX	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	Existing	0.41	30	$ 10.13	75%	-
Grocery	Cooling DX	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	New	0.32	30	$ 10.13	75%	-
Grocery	Cooling DX	Infiltration Control	Weather-Stripping	Standard Practice	Per Window SqFt	Existing	2.21	13	$ 0.39	9%	31
Grocery	Cooling DX	Insulation - Duct	New Duct Insulation (R-8) (Unconditioned	No Insulation	Per Surface Area of Duct	Existing	2.21	20	$ 2.61	15%	72
Grocery	Cooling DX	Insulation - Floor	R-30	Average Existing Insulation (R-10)	Per Floor Area SqFt	Existing	0.02	25	$ 1.82	29%	-
Grocery	Cooling DX	Insulation - Roof	R-20ci	Average Existing Insulation (R-10)	Per Roof Area SqFt	Existing	0.02	25	$ 1.77	13%	-
Grocery	Cooling DX	Insulation - Wall	R-13+R-7.5ci	Average Existing Insulation (R-10)	Per Wall Area SqFt	Existing	0.05	25	$ 1.84	33%	-
Grocery	Cooling DX	Package Terminal - Air Conditioner	High Efficiency Package Terminal Air	Federal Standard Equipment	Per Package Terminal AC	Existing	106.58	9	$ 88.00	7%	0
Grocery	Cooling DX	Package Terminal - Air Conditioner	High Efficiency Package Terminal Air	Federal Standard Equipment	Per Package Terminal AC	New	106.58	9	$ 88.00	7%	0
Grocery	Cooling DX	Retro-Commissioning	Retro-Commissioning	No Retro-Commissioning	Per SqFt	Existing	0.66	7	$ 0.30	90%	1,633
Grocery	Cooling DX	Rooftop DX Unit - Below Standard	Below Standard 9.5 EER, Air-Cooled = 135 and	Below Standard 9.5 EER, Air-Cooled = 135 and	Per Building SqFt	Existing	-	15	$ -	100%	-
Grocery	Cooling DX	Rooftop DX Unit - Below Standard	Below Standard 9.5 EER, Air-Cooled = 135 and	Below Standard 9.5 EER, Air-Cooled = 135 and	Per Building SqFt	New	-	15	$ -	100%	-
Grocery	Cooling DX	Rooftop DX Unit - CEE Tier 1	CEE Tier 1 11.5 EER, Air-Cooled = 135 and <	Federal Standard 11.0 EER, Air-Cooled = 135	Per Building SqFt	Existing	0.18	15	$ 0.11	100%	-
Grocery	Cooling DX	Rooftop DX Unit - CEE Tier 1	CEE Tier 1 11.5 EER, Air-Cooled = 135 and <	Federal Standard 11.0 EER, Air-Cooled = 135	Per Building SqFt	New	0.14	15	$ 0.11	100%	-
Grocery	Cooling DX	Rooftop DX Unit - CEE Tier 2	CEE Tier 2 12.0 EER, Air-Cooled = 135 and <	Federal Standard 11.0 EER, Air-Cooled = 135	Per Building SqFt	Existing	0.35	15	$ 0.19	100%	386
Grocery	Cooling DX	Rooftop DX Unit - CEE Tier 2	CEE Tier 2 12.0 EER, Air-Cooled = 135 and <	Federal Standard 11.0 EER, Air-Cooled = 135	Per Building SqFt	New	0.27	15	$ 0.19	100%	45

Grocery	Cooling DX	Rooftop DX Unit - Standard	Federal Standard 11.0 EER, Air-Cooled = 135	Federal Standard 11.0 EER, Air-Cooled = 135	Per Building SqFt	Existing	-	15	$ -	100%	-
Grocery	Cooling DX	Rooftop DX Unit - Standard	Federal Standard 11.0 EER, Air-Cooled = 135	Federal Standard 11.0 EER, Air-Cooled = 135	Per Building SqFt	New	-	15	$ -	100%	-
Grocery	Cooling DX	Thermostat Programmable	Setback Thermostat 5-1-1, 5-2 or 7-day	Manual Thermostat	Per Thermostat	Existing	1,016.28	15	$ 138.50	77%	270
Grocery	Cooling DX	Tune-up - Air Conditioner	Air Conditioner Maintenance (Tune-up)	Unmaintained Air Conditioner	Per Ton	Existing	90.60	3	$ 48.00	48%	-
Grocery	Cooling DX	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	Existing	0.10	25	$ 3.67	31%	-
Grocery	Cooling DX	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	New	0.10	25	$ 3.67	35%	-
Grocery	Cooling DX	Window - Metal Framing	U-Value = 0.55 (Code Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	0.11	25	$ 27.83	6%	-
Grocery	Cooling DX	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	Existing	0.07	25	$ 2.08	41%	-
Grocery	Cooling DX	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	New	0.07	25	$ 2.08	46%	-
Grocery	Cooling DX	Window - Non-Metal Framing	U-Value = 0.35 (Code Non-Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	0.33	25	$ 42.42	40%	-
Grocery	Cooling DX	Window Air Conditioner	CEE TIER 1 = 11.3 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Window AC	Existing	169.32	9	$ 406.80	32%	-
Grocery	Cooling DX	Window Air Conditioner	CEE TIER 1 = 11.3 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Window AC	New	169.32	9	$ 406.80	32%	-
Grocery	Cooling DX	Window Air Conditioner	CEE TIER 2 = 11.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Window AC	Existing	216.19	9	$ 771.98	33%	-
Grocery	Cooling DX	Window Air Conditioner	CEE TIER 2 = 11.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Window AC	New	216.19	9	$ 771.98	33%	-
Grocery	Cooling DX	Window Air Conditioner	ENERGY STAR = 10.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Window AC	Existing	118.10	9	$ 41.62	26%	3
Grocery	Cooling DX	Window Air Conditioner	ENERGY STAR = 10.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Window AC	New	118.10	9	$ 41.62	26%	0
Grocery	Ext Lighting	Exterior Lighting - Standard	Standard Exterior Lighting	Standard Exterior Lighting	Per Building SqFt	Existing	-	14	$ -	100%	-
Grocery	Ext Lighting	Exterior Lighting - Standard	Standard Exterior Lighting	Standard Exterior Lighting	Per Building SqFt	New	-	14	$ -	100%	-
Grocery	Ext Lighting	Lighting - LED Lighting Package	Exterior LED Lighting Package	Standard Lighting	Per Lighting Package	Existing	185.00	13	$ 173.07	66%	-
Grocery	Ext Lighting	Lighting - High Intensity Discharge	High Efficiency Metal Halide Lighting Packages	Standard HID Lighting	Per Lighting Package	Existing	79.71	5	$ 4.35	62%	4
Grocery	Ext Lighting	Lighting - Induction Lighting Package	Induction Lighting Package	Standard HID Lighting	Per Lighting Package	Existing	226.60	13	$ 39.81	67%	26
Grocery	Fax	Fax - ENERGY STAR	ENERGY STAR Fax	Standard Fax	Per Building SqFt	Existing	0.01	6	$ 0.00	100%	34
Grocery	Fax	Fax - ENERGY STAR	ENERGY STAR Fax	Standard Fax	Per Building SqFt	New	0.01	6	$ 0.00	100%	2
Grocery	Fax	Fax - Standard	Standard Fax	Standard Fax	Per Building SqFt	Existing	-	6	$ -	100%	-
Grocery	Fax	Fax - Standard	Standard Fax	Standard Fax	Per Building SqFt	New	-	6	$ -	100%	-
Grocery	Flat Screen	Monitor - ENERGY STAR Flat Screen	ENERGY STAR Flat Screen Monitor	Standard Flat Screen Monitor	Per Building SqFt	Existing	0.00	4	$ 0.00	100%	-
Grocery	Flat Screen	Monitor - ENERGY STAR Flat Screen	ENERGY STAR Flat Screen Monitor	Standard Flat Screen Monitor	Per Building SqFt	New	0.00	4	$ 0.00	100%	-
Grocery	Flat Screen	Monitor - Standard Flat Screen	Standard Flat Screen Monitor	Standard Flat Screen Monitor	Per Building SqFt	Existing	-	4	$ -	100%	-
Grocery	Flat Screen	Monitor - Standard Flat Screen	Standard Flat Screen Monitor	Standard Flat Screen Monitor	Per Building SqFt	New	-	4	$ -	100%	-
Grocery	Freezers	Freezer - 2014 Federal Standard	2014 Standard Freezer	Standard Freezer	Per Building SqFt	Existing	0.00	12	$ 0.00	100%	-
Grocery	Freezers	Freezer - 2014 Federal Standard	2014 Standard Freezer	Standard Freezer	Per Building SqFt	New	0.00	12	$ 0.00	100%	-
Grocery	Freezers	Freezer - Below Standard	Below Standard Freezer	Below Standard Freezer	Per Building SqFt	Existing	-	12	$ -	100%	-
Grocery	Freezers	Freezer - Below Standard	Below Standard Freezer	Below Standard Freezer	Per Building SqFt	New	-	12	$ -	100%	-
Grocery	Freezers	Freezer - ENERGY STAR	ENERGY STAR Freezer	Standard Freezer	Per Building SqFt	Existing	0.00	12	$ 0.00	100%	-
Grocery	Freezers	Freezer - ENERGY STAR	ENERGY STAR Freezer	Standard Freezer	Per Building SqFt	New	0.00	12	$ 0.00	100%	-
Grocery	Freezers	Freezer - Standard	Standard Freezer	Standard Freezer	Per Building SqFt	Existing	-	12	$ -	100%	-
Grocery	Freezers	Freezer - Standard	Standard Freezer	Standard Freezer	Per Building SqFt	New	-	12	$ -	100%	-
Grocery	HVAC Aux	Cooling Tower-Two-Speed Fan Motor	Cooling Tower-Two-Speed Fan Motor	Cooling Tower-One-Speed Fan Motor	Per Chiller Ton	Existing	55.17	15	$ 2.35	33%	355
Grocery	HVAC Aux	Cooling Tower-VSD Fan Control	Variable-Speed Tower Fans Replace Two-	Cooling Tower-One-Speed Fan Motor	Per Chiller Ton	Existing	15.76	13	$ 19.00	71%	-
Grocery	HVAC Aux	Cooling Tower-VSD Fan Control	Variable-Speed Tower Fans Replace Two-	Cooling Tower-One-Speed Fan Motor	Per Chiller Ton	New	6.59	13	$ 19.00	11%	-
Grocery	HVAC Aux	Demand Controlled Ventilation - Range	For Range Hoods – VFD Controlled	No DCV	Per Range Hood	Existing	1,105.14	10	$12,500.00	49%	-
Grocery	HVAC Aux	Demand Controlled Ventilation - Range	For Range Hoods – VFD Controlled	No DCV	Per Range Hood	New	461.89	10	$ 6,500.00	49%	-
Grocery	HVAC Aux	ECM Motor	Central Air Conditioner ECM Fan	Standard Motor	Per ECM	Existing	867.28	15	$ 200.00	57%	170
Grocery	HVAC Aux	ECM Motor	Central Air Conditioner ECM Fan	Standard Motor	Per ECM	New	362.47	15	$ 200.00	83%	6
Grocery	HVAC Aux	ECM Motor	Electric Furnace ECM Fan	Standard Motor	Per ECM	Existing	867.28	15	$ 200.00	0%	-
Grocery	HVAC Aux	ECM Motor	Electric Furnace ECM Fan	Standard Motor	Per ECM	New	362.47	15	$ 200.00	0%	-
Grocery	HVAC Aux	ECM Motor	Gas Furnace ECM Fan (CEE Air Handling Ratio	Standard Motor	Per ECM	Existing	867.28	15	$ 200.00	58%	174
Grocery	HVAC Aux	ECM Motor	Gas Furnace ECM Fan (CEE Air Handling Ratio	Standard Motor	Per ECM	New	362.47	15	$ 200.00	85%	6
Grocery	HVAC Aux	HVAC Auxillary - Standard Equipment	Standard HVAC Auxillary	Standard HVAC Auxillary	Per Building SqFt	Existing	-	15	$ -	100%	-
Grocery	HVAC Aux	HVAC Auxillary - Standard Equipment	Standard HVAC Auxillary	Standard HVAC Auxillary	Per Building SqFt	New	-	15	$ -	100%	-
Grocery	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 1-15 HP, 1200-3600	NEMA Qualifying Standard Motor	Per Motor	Existing	75.68	15	$ 274.24	67%	-
Grocery	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 1-15 HP, 1200-3600	NEMA Qualifying Standard Motor	Per Motor	New	75.68	15	$ 274.24	67%	-
Grocery	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 125-200 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	Existing	2,066.69	15	$ 2,036.86	0%	0
Grocery	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 125-200 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	New	518.91	15	$ 2,036.86	9%	-
Grocery	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 20-40 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	Existing	518.91	15	$ 678.39	9%	-
Grocery	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 20-40 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	New	1,143.16	15	$ 678.39	1%	0
Grocery	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 250-500 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	Existing	5,959.61	15	$ 4,197.32	0%	0
Grocery	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 250-500 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	New	2,066.69	15	$ 4,197.32	0%	-
Grocery	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 50-100 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	Existing	1,143.16	15	$ 1,375.63	1%	-
Grocery	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 50-100 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	New	5,959.61	15	$ 1,375.63	0%	0
Grocery	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 1-15 HP	Constant Speed Motor	Per Building	Existing	8,841.14	15	$ 1,956.91	67%	1,021
Grocery	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 1-15 HP	Constant Speed Motor	Per Building	New	3,695.09	15	$ 1,956.91	67%	25
Grocery	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 125-200 HP	Constant Speed Motor	Per Building	Existing	8,841.14	15	$ 919.17	1%	9

Grocery	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 125-200 HP	Constant Speed Motor	Per Building	New	3,695.09	15	$ 919.17	1%	0
Grocery	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 20-40 HP	Constant Speed Motor	Per Building	Existing	8,841.14	15	$ 1,134.16	4%	66
Grocery	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 20-40 HP	Constant Speed Motor	Per Building	New	3,695.09	15	$ 1,134.16	4%	2
Grocery	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 250-500 HP	Constant Speed Motor	Per Building	Existing	8,841.14	15	$ 697.54	0%	3
Grocery	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 250-500 HP	Constant Speed Motor	Per Building	New	3,695.09	15	$ 697.54	0%	0
Grocery	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 50-100 HP	Constant Speed Motor	Per Building	Existing	8,841.14	15	$ 1,397.29	1%	21
Grocery	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 50-100 HP	Constant Speed Motor	Per Building	New	3,695.09	15	$ 1,397.29	1%	1
Grocery	Heat Pump	Commissioning	Commissioning/QI - New Installation	No Commissioning	Per SqFt	New	1.15	7	$ 1.16	90%	-
Grocery	Heat Pump	Cool Roofs	ENERGY STAR Cool Roof - Reflect Material	Standard Roof	Per Roof Area SqFt	Existing	0.64	15	$ 0.68	93%	201
Grocery	Heat Pump	Cool Roofs	ENERGY STAR Cool Roof - Reflect Material	Standard Roof	Per Roof Area SqFt	New	0.45	15	$ 0.68	93%	-
Grocery	Heat Pump	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	Existing	33,160.31	5	$16,518.04	33%	-
Grocery	Heat Pump	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	New	21,828.84	5	$16,518.04	33%	-
Grocery	Heat Pump	Direct Digital Control System-	DDC Retrofit - EMS Upgrade	Pneumatic	Per Building	Existing	49,740.47	5	$19,175.35	6%	-
Grocery	Heat Pump	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	Existing	296.41	20	$ 477.04	76%	-
Grocery	Heat Pump	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	New	296.41	20	$ 477.04	76%	-
Grocery	Heat Pump	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	Existing	131.74	20	$ 60.58	62%	6
Grocery	Heat Pump	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	New	131.74	20	$ 60.58	62%	0
Grocery	Heat Pump	Duct Repair And Sealing	Reduction In Duct Losses to 5%	No Repair or Sealing, 15% duct losses	Per Building SqFt	Existing	0.40	18	$ 0.24	38%	54
Grocery	Heat Pump	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	Existing	14,922.14	10	$ 5,450.00	54%	115
Grocery	Heat Pump	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	New	9,822.98	10	$ 5,450.00	54%	4
Grocery	Heat Pump	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	Existing	0.64	30	$ 10.13	75%	-
Grocery	Heat Pump	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	New	0.45	30	$ 10.13	75%	-
Grocery	Heat Pump	Heat Pump - Below Standard	Below Standard Air Source Heat Pump 9.0 EER	Below Standard Air Source Heat Pump 9.0 EER	Per Building SqFt	Existing	-	15	$ -	100%	-
Grocery	Heat Pump	Heat Pump - Below Standard	Below Standard Air Source Heat Pump 9.0 EER	Below Standard Air Source Heat Pump 9.0 EER	Per Building SqFt	New	-	15	$ -	100%	-
Grocery	Heat Pump	Heat Pump - ENERGY STAR	ENERGY STAR Ground Source Heat Pump	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	Existing	2.49	15	$ 27.55	5%	-
Grocery	Heat Pump	Heat Pump - ENERGY STAR	ENERGY STAR Ground Source Heat Pump	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	New	1.75	15	$ 17.71	5%	-
Grocery	Heat Pump	Heat Pump - High Efficiency	High Efficiency Air Source Heat Pump 11.1 EER	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	Existing	0.47	15	$ 0.25	100%	77
Grocery	Heat Pump	Heat Pump - High Efficiency	High Efficiency Air Source Heat Pump 11.1 EER	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	New	0.32	15	$ 0.25	100%	6
Grocery	Heat Pump	Heat Pump - Premium Efficiency	Premium Efficiency Water Source Heat Pump	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	Existing	2.69	15	$ 1.30	5%	23
Grocery	Heat Pump	Heat Pump - Premium Efficiency	Premium Efficiency Water Source Heat Pump	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	New	1.72	15	$ 1.49	5%	2
Grocery	Heat Pump	Heat Pump - Standard	Federal Standard Air Source Heat Pump 10.6	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	Existing	-	15	$ -	100%	-
Grocery	Heat Pump	Heat Pump - Standard	Federal Standard Air Source Heat Pump 10.6	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	New	-	15	$ -	100%	-
Grocery	Heat Pump	Heat Pump - Variable Refrigerant Flow	Variable Refrigerant Flow System (VRF) - Heat	Packaged VAV With Electric Reheat	Per Ton	Existing	1,123.38	15	$ 540.00	33%	685
Grocery	Heat Pump	Heat Pump - Variable Refrigerant Flow	Variable Refrigerant Flow System (VRF) - Heat	Packaged VAV With Electric Reheat	Per Ton	New	739.50	15	$ 540.00	81%	75
Grocery	Heat Pump	Infiltration Control	Weather-Stripping	Standard Practice	Per Window SqFt	Existing	12.26	13	$ 0.39	9%	30
Grocery	Heat Pump	Insulation - Duct	New Duct Insulation (R-8) (Unconditioned	No Insulation	Per Surface Area of Duct	Existing	7.21	20	$ 2.61	15%	40
Grocery	Heat Pump	Insulation - Floor	R-30	Average Existing Insulation (R-10)	Per Floor Area SqFt	Existing	0.29	25	$ 1.82	29%	-
Grocery	Heat Pump	Insulation - Roof	R-20ci	Average Existing Insulation (R-10)	Per Roof Area SqFt	Existing	0.19	25	$ 1.77	13%	-
Grocery	Heat Pump	Insulation - Wall	R-13+R-7.5ci	Average Existing Insulation (R-10)	Per Wall Area SqFt	Existing	0.59	25	$ 1.84	33%	-
Grocery	Heat Pump	Package Terminal - Heat Pump	High Efficiency Package Terminal Air	Federal Standard Equipment	Per Ton	Existing	106.58	15	$ 150.01	10%	-
Grocery	Heat Pump	Package Terminal - Heat Pump	High Efficiency Package Terminal Air	Federal Standard Equipment	Per Ton	New	106.58	15	$ 150.01	10%	-
Grocery	Heat Pump	Retro-Commissioning	Retro-Commissioning	No Retro-Commissioning	Per SqFt	Existing	2.16	7	$ 0.30	90%	916
Grocery	Heat Pump	Thermostat Programmable	Setback Thermostat 5-1-1, 5-2 or 7-day	Manual Thermostat	Per Thermostat	Existing	3,316.03	15	$ 138.50	77%	151
Grocery	Heat Pump	Tune-up - Air Source Heat Pump	Air Source Heat Pump Maintenance (Tune-up)	Unmaintained Air Source Heat Pump	Per Ton	Existing	295.63	3	$ 48.00	48%	11
Grocery	Heat Pump	Tune-up - Ground Source Heat Pump	Ground Source Heat Pump Maintenance (Tune-	Unmaintained Ground Source Heat Pump	Per Ton	Existing	295.63	3	$ 48.00	48%	11
Grocery	Heat Pump	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	Existing	1.22	25	$ 3.67	31%	-
Grocery	Heat Pump	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	New	1.22	25	$ 3.67	35%	-
Grocery	Heat Pump	Window - Metal Framing	U-Value = 0.55 (Code Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	1.27	25	$ 27.83	6%	-
Grocery	Heat Pump	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	Existing	0.78	25	$ 2.08	41%	-
Grocery	Heat Pump	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	New	0.78	25	$ 2.08	46%	-
Grocery	Heat Pump	Window - Non-Metal Framing	U-Value = 0.35 (Code Non-Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	3.90	25	$ 42.42	40%	-
Grocery	Lighting	Bi-Level Control, Stairwell Lighting	Bi-Level Stairwell Occupancy Sensor Control,	Continuous Full Power Lighting in Stairways	Per Stairwell Lighting Control	Existing	177.86	9	$ 107.50	68%	255
Grocery	Lighting	Bi-Level Control, Stairwell Lighting	Bi-Level Stairwell Occupancy Sensor Control,	Continuous Full Power Lighting in Stairways	Per Stairwell Lighting Control	New	124.28	9	$ 107.50	68%	-
Grocery	Lighting	Ceiling Fans	ENERGY STAR Ceiling Fans with Light Kit	Standard Ceiling Fan	Per Ceiling Fan	Existing	98.55	10	$ 119.55	85%	-
Grocery	Lighting	Ceiling Fans	ENERGY STAR Ceiling Fans with Light Kit	Standard Ceiling Fan	Per Ceiling Fan	New	98.55	10	$ 119.55	85%	-
Grocery	Lighting	Daylighting Controls	Continuous Dimming, Fluorescent Fixtures (Day-	No Dimming Controls	Per Applicable SQFT of Dimmable Perimeter	Existing	6.23	9	$ 1.67	59%	4,448
Grocery	Lighting	Daylighting Controls	Continuous Dimming, Fluorescent Fixtures (Day-	No Dimming Controls	Per Applicable SQFT of Dimmable Perimeter	New	4.35	13	$ 1.67	0%	-
Grocery	Lighting	Daylighting Controls	Dual Level Switches, Fluorescent Fixtures	No Dimming Controls	Per Applicable SQFT of Dimmable Perimeter	Existing	2.56	9	$ 0.83	59%	1,284
Grocery	Lighting	Daylighting Controls	Dual Level Switches, Fluorescent Fixtures	No Dimming Controls	Per Applicable SQFT of Dimmable Perimeter	New	1.79	13	$ 0.83	0%	-
Grocery	Lighting	Exit Sign - LED	LED Exit Signs	CFL Exit Sign	Per Exit Sign	Existing	175.20	11	$ 68.22	61%	261
Grocery	Lighting	Exit Sign - Photoluminescent	Photoluminescent Exit Sign	LED Exit Sign	Per Exit Sign	Existing	35.04	13	$ 30.00	93%	80
Grocery	Lighting	Exit Sign - Photoluminescent	Photoluminescent Exit Sign	LED Exit Sign	Per Exit Sign	New	35.04	13	$ 30.00	93%	5
Grocery	Lighting	LED Refrigerated Case Lighting	LED Refrigerated Case Lighting	Fluorescent	Per Refrigerated Glass Case	Existing	320.00	13	$ 600.00	76%	-

Grocery	Lighting	LED Refrigerated Case Lighting	LED Refrigerated Case Lighting	Fluorescent	Per Refrigerated Glass Case	New	320.00	13	$ 600.00	76%	-
Grocery	Lighting	LED Strip Lighting	LED Strip Lighting (Non-Refrigerated)	Fluorescent	Per Linear Foot of Lighting	Existing	0.85	11	$ 2.99	78%	-
Grocery	Lighting	LED Strip Lighting	LED Strip Lighting (Non-Refrigerated)	Fluorescent	Per Linear Foot of Lighting	New	0.85	11	$ 2.99	78%	-
Grocery	Lighting	LightLouver Daylighting System	LightLouver Daylighting System	No Daylight System	Per Linear Feet of Window	Existing	49.82	9	$ 65.00	40%	-
Grocery	Lighting	Lighting - CFL Lamp Package	ENERGY STAR CFL	EISA Incandescent	Per Building	Existing	13,158.82	2	$ 53.15	68%	405
Grocery	Lighting	Lighting - Clock/Timer	Lighting Clock/Timer Commercial grade	No Time Clock	Per Lighting Control	Existing	2,666.90	9	$ 205.43	42%	976
Grocery	Lighting	Lighting - Fluorescent High	Fluorescent HP Lamps and Ballasts Packages	Standard Lighting	Per Lighting Package	Existing	20,726.36	13	$25,555.30	90%	679
Grocery	Lighting	Lighting - Fluorescent Reduced	Fluorescent RW Lamps and Ballasts Packages	Standard Lighting	Per Lighting Package	Existing	41,452.73	13	$21,176.79	76%	5,431
Grocery	Lighting	Lighting - High Bay Fluorescent High	High Bay Fluorescent HO Packages	Standard HID Lighting	Per Lighting Package	Existing	15,494.53	15	$ 1,360.55	73%	1,233
Grocery	Lighting	Lighting - High Bay LED Package	High Bay LED Package	Standard HID Lighting	Per Lighting Package	Existing	10,180.08	20	$25,580.82	94%	-
Grocery	Lighting	Lighting - High Intensity Discharge	High Efficiency Metal Halide Lighting Packages	Standard HID Lighting	Per Lighting Package	Existing	6,285.93	15	$ 1,345.54	67%	-
Grocery	Lighting	Lighting - Induction Lighting Package	Induction Lighting Package	Standard HID Lighting	Per Lighting Package	Existing	17,369.03	20	$ 4,140.50	38%	1,138
Grocery	Lighting	Lighting - LED Lamp Package	ENERGY STAR LED	EISA Incandescent	Per Lighting Package	Existing	15,852.04	7	$ 2,477.52	73%	2,008
Grocery	Lighting	Lighting - LPD Package	LPD Reduction Package 15%	LPD Code	Per Lighting Package	New	28,668.99	15	$ 3,525.42	68%	54
Grocery	Lighting	Lighting - LPD Package	LPD Reduction Package 25%	LPD Code	Per Lighting Package	New	47,781.64	15	$ 7,961.94	71%	342
Grocery	Lighting	Lighting - Specialty Lamp Package	CFL and LED Specialty Lamp Package	Standard Incandescent	Per Lighting Package	Existing	3,464.23	2	$ 153.17	81%	482
Grocery	Lighting	Lighting - Standard	Standard Lighting	Standard Lighting	Per Building SqFt	Existing	-	14	$ -	100%	-
Grocery	Lighting	Lighting - Standard	Standard Lighting	Standard Lighting	Per Building SqFt	New	-	14	$ -	100%	-
Grocery	Lighting	Occupancy Sensor - High-Bay	Fixture-Mounted (Control > 150 Watts)	No Sensor	Per Lighting Control	Existing	1,750.82	14	$ 225.00	11%	236
Grocery	Lighting	Occupancy Sensor - High-Bay	Fixture-Mounted (Control > 150 Watts)	No Sensor	Per Lighting Control	New	1,223.38	14	$ 225.00	11%	10
Grocery	Lighting	Occupancy Sensor - Wall or Ceiling	Wall or Ceiling-Mounted (Control > 400 Watts)	No Sensor	Per Lighting Control	Existing	137.09	14	$ 225.00	77%	-
Grocery	Lighting	Occupancy Sensor - Wall or Ceiling	Wall or Ceiling-Mounted (Control > 400 Watts)	No Sensor	Per Lighting Control	New	95.79	14	$ 225.00	77%	-
Grocery	Other	Other - Standard	Standard Other Equipment	Standard Other Equipment	Per Building SqFt	Existing	-	10	$ -	100%	-
Grocery	Other	Other - Standard	Standard Other Equipment	Standard Other Equipment	Per Building SqFt	New	-	10	$ -	100%	-
Grocery	Other	Transformers	Transformers, Three-Phase Low-Voltage Dry-	Standard Efficiency Transformer NEMA TP-1-	Per Transformer	Existing	578.47	30	$ 1,115.00	50%	50
Grocery	Other	Transformers	Transformers, Three-Phase Low-Voltage Dry-	Standard Efficiency Transformer NEMA TP-1-	Per Transformer	New	578.47	30	$ 1,115.00	50%	3
Grocery	Other Plug	All-In-One Office Equipment	All-In-One ENERGY STAR Office Equipment	Non-ENERGY STAR Features	Per All-in-One Device	Existing	200.08	6	$ 218.33	68%	-
Grocery	Other Plug	All-In-One Office Equipment	All-In-One ENERGY STAR Office Equipment	Non-ENERGY STAR Features	Per All-in-One Device	New	200.08	6	$ 218.33	68%	-
Grocery	Other Plug	Ceiling Fans	ENERGY STAR Ceiling Fans with Light Kit	Standard Ceiling Fan	Per Ceiling Fan	Existing	4.33	10	$ 119.55	85%	-
Grocery	Other Plug	Ceiling Fans	ENERGY STAR Ceiling Fans with Light Kit	Standard Ceiling Fan	Per Ceiling Fan	New	4.33	10	$ 119.55	85%	-
Grocery	Other Plug	Ceiling Fans	ENERGY STAR Ceiling Fans without Light Kit	Standard Ceiling Fan	Per Ceiling Fan	Existing	4.33	10	$ 1.46	85%	1
Grocery	Other Plug	Ceiling Fans	ENERGY STAR Ceiling Fans without Light Kit	Standard Ceiling Fan	Per Ceiling Fan	New	4.33	10	$ 1.46	85%	0
Grocery	Other Plug	Plug Load - Standard Equipment	Standard Plug Load	Standard Plug Load	Per Building SqFt	Existing	-	10	$ -	100%	-
Grocery	Other Plug	Plug Load - Standard Equipment	Standard Plug Load	Standard Plug Load	Per Building SqFt	New	-	10	$ -	100%	-
Grocery	Other Plug	Snow Melt System Control	Snow Melt System Control	Manual Control	Per Snow Melt Control	Existing	372.90	25	$ 2,782.00	5%	-
Grocery	Other Plug	Snow Melt System Control	Snow Melt System Control	Manual Control	Per Snow Melt Control	New	387.09	25	$ 2,782.00	0%	-
Grocery	Other Plug	Water Coolers	ENERGY STAR Water Cooler	Non-ENERGY STAR Water Cooler	Per Water Cooler	Existing	200.26	10	$ 5.00	11%	4
Grocery	Other Plug	Water Coolers	ENERGY STAR Water Cooler	Non-ENERGY STAR Water Cooler	Per Water Cooler	New	207.87	10	$ 5.00	11%	0
Grocery	Photo	Photo Copier - ENERGY STAR	ENERGY STAR Photo Copier	Standard Photo Copier	Per Building SqFt	Existing	0.01	6	$ 0.04	100%	-
Grocery	Photo	Photo Copier - ENERGY STAR	ENERGY STAR Photo Copier	Standard Photo Copier	Per Building SqFt	New	0.01	6	$ 0.04	100%	-
Grocery	Photo	Photo Copiers - Standard	Standard Photo Copier	Standard Photo Copier	Per Building SqFt	Existing	-	6	$ -	100%	-
Grocery	Photo	Photo Copiers - Standard	Standard Photo Copier	Standard Photo Copier	Per Building SqFt	New	-	6	$ -	100%	-
Grocery	Printers	Printers - ENERGY STAR	ENERGY STAR Printers	Standard Printers	Per Building SqFt	Existing	0.02	6	$ 0.00	100%	64
Grocery	Printers	Printers - ENERGY STAR	ENERGY STAR Printers	Standard Printers	Per Building SqFt	New	0.02	6	$ 0.00	100%	4
Grocery	Printers	Printers - Standard	Standard Printers	Standard Printers	Per Building SqFt	Existing	-	6	$ 0.00	100%	-
Grocery	Printers	Printers - Standard	Standard Printers	Standard Printers	Per Building SqFt	New	-	6	$ 0.00	100%	-
Grocery	Refrigeratio	Anti-Sweat Heater Controls	Variable Temperature Controls (Humidistat)	Constant Controls	Per Control (Weighted by Grocery	Existing	767.25	12	$ 78.84	72%	2,350
Grocery	Refrigeratio	Anti-Sweat Heater Controls	Variable Temperature Controls (Humidistat)	Constant Controls	Per Control (Weighted by Grocery	New	767.25	12	$ 78.84	18%	34
Grocery	Refrigeratio	Case Fans with ECM motors	ECM Motors on Evaporator Fan for Display	Standard Case Fan Motor	Per ECM (Weighted by Grocery	Existing	1,018.06	12	$ 243.00	37%	1,587
Grocery	Refrigeratio	Case Fans with ECM motors	ECM Motors on Evaporator Fan for Display	Standard Case Fan Motor	Per ECM (Weighted by Grocery	New	1,018.06	12	$ 243.00	37%	93
Grocery	Refrigeratio	Compressor - Scroll	High Efficiency Scroll Compressor	Standard Reciprocating Compressor	Per Scroll Compressor HP	Existing	679.53	10	$ 140.97	81%	6,319
Grocery	Refrigeratio	Compressor - Scroll	High Efficiency Scroll Compressor	Standard Reciprocating Compressor	Per Scroll Compressor HP	New	699.04	10	$ 140.97	81%	379
Grocery	Refrigeratio	Compressor - VSD Retrofit	Refrigeration Compressor VSD Retrofit	Standard Compressor	Per Retrofit Compressor HP	Existing	761.04	13	$ 266.90	65%	7,732
Grocery	Refrigeratio	Demand Control Defrost - Electric	Refrigerant Defrost	No Demand Control Defrost	Per Building SqFt	Existing	0.27	10	$ 0.10	41%	455
Grocery	Refrigeratio	Demand Control Defrost - Hot Gas	Refrigerant Defrost	No Demand Control Defrost	Per Building SqFt	Existing	0.63	10	$ 0.12	41%	1,086
Grocery	Refrigeratio	Evaporator Fans - Walk-ins	High-Efficiency Evaporator Fans, Walk-in	Standard Evaporator Fans	Per Walk-in Fan	Existing	435.00	15	$ 132.39	69%	621
Grocery	Refrigeratio	Evaporator Fans - Walk-ins	High-Efficiency Evaporator Fans, Walk-in	Standard Evaporator Fans	Per Walk-in Fan	New	435.00	15	$ 132.39	69%	36
Grocery	Refrigeratio	Floating Head Pressure Control -	Floating Head Pressure Control - Condensing	No Floating Head Pressure Control	Per Condensing Unit HP	Existing	618.28	14	$ 295.75	46%	1,493
Grocery	Refrigeratio	Floating Head Pressure Control -	Floating Head Pressure Control - Condensing	No Floating Head Pressure Control	Per Condensing Unit HP	New	618.28	14	$ 295.75	46%	87
Grocery	Refrigeratio	Floating Head Pressure Control -	Floating Head Pressure Control - Remote	No Floating Head Pressure Control	Per Condensing Unit HP	Existing	513.62	14	$ 232.86	46%	1,241
Grocery	Refrigeratio	Floating Head Pressure Control -	Floating Head Pressure Control - Remote	No Floating Head Pressure Control	Per Condensing Unit HP	New	513.62	14	$ 232.86	46%	72
Grocery	Refrigeratio	Glass Door Refrigerators	ENERGY STAR Qualified (Volume 0 to 50+	Standard Equipment	Per Glass Door Refrigerator	Existing	1,086.26	12	$ 704.49	74%	705
Grocery	Refrigeratio	Glass Door Refrigerators	ENERGY STAR Qualified (Volume 0 to 50+	Standard Equipment	Per Glass Door Refrigerator	New	1,086.26	12	$ 704.49	88%	51

Grocery	Refrigeratio	Ice Makers, Air Cooled	ENERGY STAR Qualified, Ice-Making Head	Standard Equipment	Per Ice Maker	Existing	1,197.10	10	$ 140.00	42%	88
Grocery	Refrigeratio	Ice Makers, Air Cooled	ENERGY STAR Qualified, Ice-Making Head	Standard Equipment	Per Ice Maker	New	1,197.10	10	$ 140.00	42%	5
Grocery	Refrigeratio	Ice Makers, Air Cooled	ENERGY STAR Qualified, Remote Condensing	Standard Equipment	Per Ice Maker	Existing	1,293.25	10	$ 5.00	42%	95
Grocery	Refrigeratio	Ice Makers, Air Cooled	ENERGY STAR Qualified, Remote Condensing	Standard Equipment	Per Ice Maker	New	1,293.25	10	$ 5.00	42%	6
Grocery	Refrigeratio	Ice Makers, Air Cooled	ENERGY STAR Qualified, Self-Contained	Standard Equipment	Per Ice Maker	Existing	317.99	10	$ 5.00	42%	-
Grocery	Refrigeratio	Ice Makers, Air Cooled	ENERGY STAR Qualified, Self-Contained	Standard Equipment	Per Ice Maker	New	317.99	10	$ 5.00	42%	-
Grocery	Refrigeratio	Ice Makers, Water-Cooled	Ice-Making Head - Water Cooled	Standard Equipment	Per Ice Maker	Existing	894.30	10	$ 1,000.00	42%	-
Grocery	Refrigeratio	Ice Makers, Water-Cooled	Ice-Making Head - Water Cooled	Standard Equipment	Per Ice Maker	New	894.30	10	$ 1,000.00	42%	-
Grocery	Refrigeratio	Ice Makers, Water-Cooled	Self-Contained - Water Cooled	Standard Equipment	Per Ice Maker	Existing	187.70	10	$ 850.00	42%	-
Grocery	Refrigeratio	Ice Makers, Water-Cooled	Self-Contained - Water Cooled	Standard Equipment	Per Ice Maker	New	187.70	10	$ 850.00	42%	-
Grocery	Refrigeratio	Night Covers for Display Cases	Night Covers for Display Cases	No Night Covers	Per Building	Existing	6,398.08	10	$ 2,214.54	84%	922
Grocery	Refrigeratio	Night Covers for Display Cases	Night Covers for Display Cases	No Night Covers	Per Building	New	6,581.73	10	$ 2,214.54	84%	55
Grocery	Refrigeratio	Novelty Cooler Shutoff	Cooler Shutoff with Controls System or Shutoff	No Cooler Shutoff	Per Cooler Case	Existing	471.89	10	$ 1,415.66	63%	-
Grocery	Refrigeratio	Novelty Cooler Shutoff	Cooler Shutoff with Controls System or Shutoff	No Cooler Shutoff	Per Cooler Case	New	471.89	10	$ 1,415.66	63%	-
Grocery	Refrigeratio	Occupancy Sensor - Refrigerated	Occupancy Sensor - Refrigerated Cases	No Sensor	Per Linear Foot of Refrigerated Display Case	Existing	20.45	8	$ 3.00	14%	40
Grocery	Refrigeratio	Occupancy Sensor - Refrigerated	Occupancy Sensor - Refrigerated Cases	No Sensor	Per Linear Foot of Refrigerated Display Case	New	20.45	8	$ 3.00	14%	2
Grocery	Refrigeratio	Refrigeration - Retro-Commissioning	Refrigeration Retro Commissioning	No Retro-Commissioning	Per Refrigeration Ton	Existing	501.81	10	$ 191.95	78%	2,386
Grocery	Refrigeratio	Refrigeration - Commissioning	Commissioning (Refrigeration System	No Commissioning	Per Refrigeration Ton	New	516.21	3	$ 49.60	87%	189
Grocery	Refrigeratio	Refrigeration - Standard	Standard Refrigeration	Standard Refrigeration	Per Building SqFt	Existing	-	14	$ -	100%	-
Grocery	Refrigeratio	Refrigeration - Standard	Standard Refrigeration	Standard Refrigeration	Per Building SqFt	New	-	14	$ -	100%	-
Grocery	Refrigeratio	Solid Door Freezers	ENERGY STAR Qualified (Volume 0 to 50+	Standard Equipment	Per Commercial Freezer	Existing	1,463.00	12	$ 247.00	76%	193
Grocery	Refrigeratio	Solid Door Freezers	ENERGY STAR Qualified (Volume 0 to 50+	Standard Equipment	Per Commercial Freezer	New	1,463.00	12	$ 247.00	76%	11
Grocery	Refrigeratio	Solid Door Refrigerators	ENERGY STAR Qualified (Volume 0 to 50+	Standard Equipment	Per Commercial Refrigerator	Existing	849.00	12	$ 124.00	75%	110
Grocery	Refrigeratio	Solid Door Refrigerators	ENERGY STAR Qualified (Volume 0 to 50+	Standard Equipment	Per Commercial Refrigerator	New	849.00	12	$ 124.00	75%	6
Grocery	Refrigeratio	Strip Curtains for Walk-Ins	Strip Curtains for Walk-Ins	No Strip Curtains for Walk-Ins	Per Walk-in	Existing	2,509.05	4	$ 300.00	66%	1,147
Grocery	Refrigeratio	Strip Curtains for Walk-Ins	Strip Curtains for Walk-Ins	No Strip Curtains for Walk-Ins	Per Walk-in	New	2,581.07	4	$ 300.00	66%	69
Grocery	Refrigerator	Refrigerator - 2014 Federal Standard	2014 Standard Refrigerator	Standard Refrigerator	Per Building SqFt	Existing	0.03	13	$ 0.08	100%	-
Grocery	Refrigerator	Refrigerator - 2014 Federal Standard	2014 Standard Refrigerator	Standard Refrigerator	Per Building SqFt	New	0.03	13	$ 0.08	100%	-
Grocery	Refrigerator	Refrigerator - Below Standard	Below Standard Refrigerator	Below Standard Refrigerator	Per Building SqFt	Existing	-	13	$ -	100%	-
Grocery	Refrigerator	Refrigerator - Below Standard	Below Standard Refrigerator	Below Standard Refrigerator	Per Building SqFt	New	-	13	$ -	100%	-
Grocery	Refrigerator	Refrigerator - CEE Tier 1	CEE Tier 1 Refrigerator	Standard Refrigerator	Per Building SqFt	Existing	0.03	13	$ 0.11	100%	-
Grocery	Refrigerator	Refrigerator - CEE Tier 1	CEE Tier 1 Refrigerator	Standard Refrigerator	Per Building SqFt	New	0.03	13	$ 0.11	100%	-
Grocery	Refrigerator	Refrigerator - CEE Tier 2	CEE Tier 2 Refrigerator	Standard Refrigerator	Per Building SqFt	Existing	0.01	13	$ 0.05	100%	-
Grocery	Refrigerator	Refrigerator - CEE Tier 2	CEE Tier 2 Refrigerator	Standard Refrigerator	Per Building SqFt	New	0.01	13	$ 0.05	100%	-
Grocery	Refrigerator	Refrigerator - ENERGY STAR	ENERGY STAR Refrigerator	Standard Refrigerator	Per Building SqFt	Existing	0.01	13	$ 0.02	100%	-
Grocery	Refrigerator	Refrigerator - ENERGY STAR	ENERGY STAR Refrigerator	Standard Refrigerator	Per Building SqFt	New	0.01	13	$ 0.02	100%	-
Grocery	Refrigerator	Refrigerator - Federal Standard	Standard Refrigerator	Standard Refrigerator	Per Building SqFt	Existing	-	13	$ -	100%	-
Grocery	Refrigerator	Refrigerator - Federal Standard	Standard Refrigerator	Standard Refrigerator	Per Building SqFt	New	-	13	$ -	100%	-
Grocery	Servers	Server - ENERGY STAR	ENERGY STAR Server	Standard Server	Per Building SqFt	Existing	0.02	9	$ 0.00	100%	55
Grocery	Servers	Server - ENERGY STAR	ENERGY STAR Server	Standard Server	Per Building SqFt	New	0.02	9	$ 0.00	100%	5
Grocery	Servers	Server - Standard	Standard Server	Standard Server	Per Building SqFt	Existing	-	9	$ -	100%	-
Grocery	Servers	Server - Standard	Standard Server	Standard Server	Per Building SqFt	New	-	9	$ -	100%	-
Grocery	Space Heat	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	Existing	26,286.10	5	$ 2,001.75	33%	64
Grocery	Space Heat	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	New	15,006.71	5	$ 8,259.02	33%	-
Grocery	Space Heat	Direct Digital Control System-	DDC Retrofit - EMS Upgrade	Pneumatic	Per Building	Existing	39,429.15	5	$14,606.93	6%	-
Grocery	Space Heat	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	Existing	488.92	20	$ 477.04	76%	-
Grocery	Space Heat	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	New	488.92	20	$ 477.04	76%	-
Grocery	Space Heat	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	Existing	217.30	20	$ 60.58	62%	4
Grocery	Space Heat	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	New	217.30	20	$ 60.58	62%	0
Grocery	Space Heat	Duct Repair And Sealing	Reduction In Duct Losses to 5%	No Repair or Sealing, 15% duct losses	Per Building SqFt	Existing	0.32	18	$ 0.24	38%	21
Grocery	Space Heat	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	Existing	11,828.74	10	$ 5,450.00	54%	-
Grocery	Space Heat	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	New	6,753.02	10	$ 5,450.00	54%	-
Grocery	Space Heat	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	Existing	1.07	30	$ 10.13	75%	-
Grocery	Space Heat	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	New	0.61	30	$ 10.13	75%	-
Grocery	Space Heat	Infiltration Control	Weather-Stripping	Standard Practice	Per Window SqFt	Existing	13.33	13	$ 0.39	9%	13
Grocery	Space Heat	Insulation - Duct	New Duct Insulation (R-8) (Unconditioned	No Insulation	Per Surface Area of Duct	Existing	5.72	20	$ 2.61	15%	12
Grocery	Space Heat	Insulation - Floor	R-30	Average Existing Insulation (R-10)	Per Floor Area SqFt	Existing	0.48	25	$ 1.82	29%	-
Grocery	Space Heat	Insulation - Roof	R-20ci	Average Existing Insulation (R-10)	Per Roof Area SqFt	Existing	0.32	25	$ 1.77	13%	-
Grocery	Space Heat	Insulation - Wall	R-13+R-7.5ci	Average Existing Insulation (R-10)	Per Wall Area SqFt	Existing	0.97	25	$ 1.84	33%	-
Grocery	Space Heat	Space Heat - Standard	Standard Space Heat	Standard Space Heat	Per Building SqFt	Existing	-	20	$ -	100%	-
Grocery	Space Heat	Space Heat - Standard	Standard Space Heat	Standard Space Heat	Per Building SqFt	New	-	20	$ -	100%	-
Grocery	Space Heat	Thermostat Programmable	Setback Thermostat 5-1-1, 5-2 or 7-day	Manual Thermostat	Per Thermostat	Existing	2,628.61	15	$ 138.50	77%	46
Grocery	Space Heat	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	Existing	2.01	25	$ 3.67	31%	-

Grocery	Space Heat	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	New	2.01	25	$ 3.67	35%	-
Grocery	Space Heat	Window - Metal Framing	U-Value = 0.55 (Code Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	2.10	25	$ 27.83	6%	-
Grocery	Space Heat	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	Existing	1.29	25	$ 2.08	41%	-
Grocery	Space Heat	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	New	1.29	25	$ 2.08	46%	-
Grocery	Space Heat	Window - Non-Metal Framing	U-Value = 0.35 (Code Non-Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	6.43	25	$ 42.42	40%	-
Grocery	Vending	Vending Machine - Controller	Refrigerated Vending Machine Controller	No Controls	Per Vending Machine	Existing	1,394.81	3	$ 238.00	25%	54
Grocery	Vending	Vending Machine - Controller	Refrigerated Vending Machine Controller	No Controls	Per Vending Machine	New	1,394.81	3	$ 238.00	25%	3
Grocery	Vending	Vending Machine - ENERGY STAR	ENERGY STAR Vending Machine	Standard Vending Machine	Per Building SqFt	Existing	0.05	10	$ 0.01	100%	134
Grocery	Vending	Vending Machine - ENERGY STAR	ENERGY STAR Vending Machine	Standard Vending Machine	Per Building SqFt	New	0.05	10	$ 0.01	100%	12
Grocery	Vending	Vending Machine - Standard	Standard Vending Machine	Standard Vending Machine	Per Building SqFt	Existing	-	10	$ -	100%	-
Grocery	Vending	Vending Machine - Standard	Standard Vending Machine	Standard Vending Machine	Per Building SqFt	New	-	10	$ -	100%	-
Grocery	Water Heat	Desuperheaters - Air Conditioner	Add-on Desuperheaters to Air Conditioner	No Desuperheater	Per Desuperheater	Existing	100.35	10	$ 600.00	66%	-
Grocery	Water Heat	Desuperheaters - Air Source Heat	Add-on Desuperheaters to Air Source Heat	No Desuperheater	Per Desuperheater	Existing	627.40	10	$ 600.00	0%	-
Grocery	Water Heat	Desuperheaters - Ground Source Heat	Add-on Desuperheaters to Ground Source Heat	No Desuperheater	Per Desuperheater	Existing	627.40	10	$ 600.00	0%	-
Grocery	Water Heat	Dishwasher	Dishwasher Enhanced Efficiency (EF 1.00) 200	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	Existing	155.00	11	$ 1,067.33	43%	-
Grocery	Water Heat	Dishwasher	Dishwasher Enhanced Efficiency (EF 1.00) 200	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	New	155.00	11	$ 1,067.33	43%	-
Grocery	Water Heat	Dishwasher	ENERGY STAR 295 kWh/yr and 4.25	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	Existing	60.00	11	$ 272.18	36%	-
Grocery	Water Heat	Dishwasher	ENERGY STAR 295 kWh/yr and 4.25	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	New	60.00	11	$ 272.18	36%	-
Grocery	Water Heat	Dishwasher	High Temp Commercial High Efficiency	Standard High Temp Commercial Dishwasher	Per Dishwasher	Existing	1,285.16	14	$ 442.50	12%	10
Grocery	Water Heat	Dishwasher	High Temp Commercial High Efficiency	Standard High Temp Commercial Dishwasher	Per Dishwasher	New	1,285.16	14	$ 442.50	12%	0
Grocery	Water Heat	Dishwasher	Low-Temp Commercial Dishwasher (Includes	Standard High Temp Commercial Dishwasher	Per Dishwasher	Existing	2,012.75	14	$ 307.50	14%	20
Grocery	Water Heat	Dishwasher	Low-Temp Commercial Dishwasher (Includes	Standard High Temp Commercial Dishwasher	Per Dishwasher	New	2,012.75	14	$ 307.50	14%	1
Grocery	Water Heat	Drainwater Heat Recovery	Install Power-Pipe or GFX System	No GFX or Power-Pipe System	Per 40 Gal Water Heater	Existing	627.40	40	$ 833.35	60%	122
Grocery	Water Heat	Drainwater Heat Recovery	Install Power-Pipe or GFX System	No GFX or Power-Pipe System	Per 40 Gal Water Heater	New	627.40	40	$ 666.68	83%	8
Grocery	Water Heat	Faucet Aerator	0.5 GPM	Existing Aerator (3.0 GPM)	Per Aerator	Existing	81.69	10	$ 4.76	67%	49
Grocery	Water Heat	Low-Flow Spray Heads	1.0 GPM	1.6 GPM (Code)	Per Spray Head	Existing	485.60	5	$ 39.09	51%	33
Grocery	Water Heat	Low-Flow Spray Heads	1.0 GPM	1.6 GPM (Code)	Per Spray Head	New	485.60	5	$ 39.09	51%	2
Grocery	Water Heat	Low-Flow Spray Heads	1.6 GPM (Code)	Existing Spray Head (2.5 GPM)	Per Spray Head	Existing	728.40	5	$ 30.00	33%	34
Grocery	Water Heat	Refrigeration with Heat Recovery	Heat Recovery from Refrigeration System.	No Heat Recovery	Per Building SqFt	Existing	0.18	16	$ 0.91	50%	-
Grocery	Water Heat	Ultrasonic Faucet Control	Install Ultrasonic Faucet Control	No Faucet Control	Per Faucet	Existing	32.68	10	$ 196.25	90%	-
Grocery	Water Heat	Ultrasonic Faucet Control	Install Ultrasonic Faucet Control	No Faucet Control	Per Faucet	New	32.68	10	$ 196.25	90%	-
Grocery	Water Heat	Water Heater - Pipe Insulation	Hot Water Pipe Insulation (R-4)	No Pipe Insulation	Per Linear Foot	Existing	10.89	13	$ 2.10	56%	6
Grocery	Water Heat	Water Heater - Tank Blanket/Insulation	Install Insulation (R-11)	No Tank Insulation	Per Water Heater	Existing	125.48	7	$ 62.60	5%	2
Grocery	Water Heat	Water Heater - Thermostat Setback	Install Programmable Thermostat (120 Degrees)	No Thermostat Setback (130 Degrees)	Per Water Heater	Existing	426.80	4	$ 102.34	50%	61
Grocery	Water Heat	Water Heating - ENERGY STAR	ENERGY STAR Heat Pump Water Heater EF =	Standard Water Heater EF = 0.92	Per Building SqFt	Existing	0.34	13	$ 0.16	75%	258
Grocery	Water Heat	Water Heating - ENERGY STAR	ENERGY STAR Heat Pump Water Heater EF =	Standard Water Heater EF = 0.92	Per Building SqFt	New	0.34	13	$ 0.16	75%	28
Grocery	Water Heat	Water Heating - Storage 2015 Standard	2015 Standard Water Heater EF = 0.95	Standard Water Heater EF = 0.92	Per Building SqFt	Existing	0.02	13	$ 0.01	100%	4
Grocery	Water Heat	Water Heating - Storage 2015 Standard	2015 Standard Water Heater EF = 0.95	Standard Water Heater EF = 0.92	Per Building SqFt	New	0.02	13	$ 0.01	100%	0
Grocery	Water Heat	Water Heating - Storage Below	Below Standard Water Heater EF = 0.86	Below Standard Water Heater EF = 0.86	Per Building SqFt	Existing	-	13	$ -	100%	-
Grocery	Water Heat	Water Heating - Storage Below	Below Standard Water Heater EF = 0.86	Below Standard Water Heater EF = 0.86	Per Building SqFt	New	-	13	$ -	100%	-
Grocery	Water Heat	Water Heating - Storage Standard	Standard Water Heater EF = 0.92	Standard Water Heater EF = 0.92	Per Building SqFt	Existing	-	13	$ -	100%	-
Grocery	Water Heat	Water Heating - Storage Standard	Standard Water Heater EF = 0.92	Standard Water Heater EF = 0.92	Per Building SqFt	New	-	13	$ -	100%	-
Grocery	Water Heat	Water Heating - Tankless	Tankless Water Heater EF = 0.95	Standard Water Heater EF = 0.92	Per Building SqFt	Existing	0.04	13	$ 0.04	0%	-
Grocery	Water Heat	Water Heating - Tankless	Tankless Water Heater EF = 0.95	Standard Water Heater EF = 0.92	Per Building SqFt	New	0.04	13	$ 0.04	0%	-
Health	Computers	Computer - ENERGY STAR	ENERGY STAR Computer	Standard Computer	Per Building SqFt	Existing	0.13	4	$ 0.03	100%	1,235
Health	Computers	Computer - ENERGY STAR	ENERGY STAR Computer	Standard Computer	Per Building SqFt	New	0.13	4	$ 0.03	100%	74
Health	Computers	Computer - Standard	Standard Computer	Standard Computer	Per Building SqFt	Existing	-	4	$ -	100%	-
Health	Computers	Computer - Standard	Standard Computer	Standard Computer	Per Building SqFt	New	-	4	$ -	100%	-
Health	Computers	Office Computer Network Energy	Office Computer Network Energy Management	No Network Management	Per Computer	Existing	88.00	5	$ 12.00	62%	515
Health	Computers	Office Computer Network Energy	Office Computer Network Energy Management	No Network Management	Per Computer	New	88.00	5	$ 12.00	62%	30
Health	Cooking	Convection Oven	ENERGY STAR Convection Oven	Standard Oven	Per Convection Oven	Existing	177.57	15	$ 1,650.00	50%	-
Health	Cooking	Convection Oven	ENERGY STAR Convection Oven	Standard Oven	Per Convection Oven	New	182.98	15	$ 1,650.00	50%	-
Health	Cooking	Cooking - Standard Equipment	Standard Cooking Equipment	Standard Cooking Equipment	Per Building SqFt	Existing	-	12	$ -	100%	-
Health	Cooking	Cooking - Standard Equipment	Standard Cooking Equipment	Standard Cooking Equipment	Per Building SqFt	New	-	12	$ -	100%	-
Health	Cooking	Fryer	ENERGY STAR Fryer	Standard	Per Fryer	Existing	77.91	12	$ 1,271.00	25%	-
Health	Cooking	Fryer	ENERGY STAR Fryer	Standard	Per Fryer	New	80.28	12	$ 1,271.00	25%	-
Health	Cooking	Hot Food Holding Cabinets	ENERGY STAR Qualified (< 40 watts/cubic foot)	Standard Equipment	Per Hot Food Holding Cabinet	Existing	531.92	12	$ 1,500.00	64%	-
Health	Cooking	Hot Food Holding Cabinets	ENERGY STAR Qualified (< 40 watts/cubic foot)	Standard Equipment	Per Hot Food Holding Cabinet	New	548.12	12	$ 1,500.00	64%	-
Health	Cooking	Steam Cooker	ENERGY STAR Steam Cooker	Standard	Per Steam Cooker	Existing	1,287.20	12	$ 1,500.00	19%	-
Health	Cooking	Steam Cooker	ENERGY STAR Steam Cooker	Standard	Per Steam Cooker	New	1,326.42	12	$ 1,500.00	19%	-
Health	Cooling	Chiller - Below Code	Below Standard Chiller - 0.74 kW/ton	Below Standard Chiller - 0.74 kW/ton	Per Building SqFt	Existing	-	20	$ -	100%	-
Health	Cooling	Chiller - Below Code	Below Standard Chiller - 0.74 kW/ton	Below Standard Chiller - 0.74 kW/ton	Per Building SqFt	New	-	20	$ -	100%	-
Health	Cooling	Chiller - High Efficiency	High Efficiency Chiller - 0.63 kW/ton	Standard Chiller - 0.68 kW/ton	Per Building SqFt	Existing	0.15	20	$ 0.04	100%	-

Health	Cooling	Chiller - High Efficiency	High Efficiency Chiller - 0.63 kW/ton	Standard Chiller - 0.68 kW/ton	Per Building SqFt	New	0.13	20	$ 0.04	100%	-
Health	Cooling	Chiller - Pipe Insulation	Above Code (3" of Insulation, Approximately R-	Code (1.5" of Insulation, Approximately R-6)	Per Linear Foot of Insulation	Existing	6.27	15	$ 4.11	58%	67
Health	Cooling	Chiller - Pipe Insulation	Above Code (3" of Insulation, Approximately R-	Code (1.5" of Insulation, Approximately R-6)	Per Linear Foot of Insulation	New	5.19	15	$ 4.11	85%	4
Health	Cooling	Chiller - Pipe Insulation	Code (1.5" of Insulation, Approximately R-6)	No Insulation	Per Linear Foot of Insulation	Existing	6.27	15	$ 4.11	58%	67
Health	Cooling	Chiller - Premium Efficiency	Premium Efficiency Chiller - 0.58 kW/ton	Standard Chiller - 0.68 kW/ton	Per Building SqFt	Existing	0.30	20	$ 0.13	100%	429
Health	Cooling	Chiller - Premium Efficiency	Premium Efficiency Chiller - 0.58 kW/ton	Standard Chiller - 0.68 kW/ton	Per Building SqFt	New	0.25	20	$ 0.13	100%	57
Health	Cooling	Chiller - Standard	Standard Chiller - 0.68 kW/ton	Standard Chiller - 0.68 kW/ton	Per Building SqFt	Existing	-	20	$ -	100%	-
Health	Cooling	Chiller - Standard	Standard Chiller - 0.68 kW/ton	Standard Chiller - 0.68 kW/ton	Per Building SqFt	New	-	20	$ -	100%	-
Health	Cooling	Chiller - VSD Retrofit	Centrifugal Chiller - VSD Remodel for Existing	Constant Speed Motor	Per Ton	Existing	33.68	10	$ 70.41	38%	-
Health	Cooling	Chiller - Water Piping Loop with VSD	VSD for Secondary Chilled Water Loop	Primary Loop Only w/ Constant Speed Pump	Per Ton	Existing	63.65	10	$ 212.34	49%	-
Health	Cooling	Chiller - Water Reset	Install Chilled Water Reset	No Chilled Water Reset	Per Control Point	Existing	104.45	10	$ 681.34	72%	-
Health	Cooling	Chiller Air-Cooled	Chiller Air Cooled with Condenser 10.0 EER	Standard 9.562 EER	Per Ton	Existing	36.88	20	$ 112.70	7%	-
Health	Cooling	Chiller Air-Cooled	Chiller Air Cooled with Condenser 10.0 EER	Standard 9.562 EER	Per Ton	New	30.55	20	$ 112.70	7%	-
Health	Cooling	Commissioning	Commissioning/QI - New Installation	No Commissioning	Per SqFt	New	0.22	7	$ 1.16	76%	-
Health	Cooling	Cool Roofs	ENERGY STAR Cool Roof - Reflect Material	Standard Roof	Per Roof Area SqFt	Existing	0.21	15	$ 0.68	15%	-
Health	Cooling	Cool Roofs	ENERGY STAR Cool Roof - Reflect Material	Standard Roof	Per Roof Area SqFt	New	0.17	15	$ 0.68	15%	-
Health	Cooling	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	Existing	7,600.60	5	$13,562.29	33%	-
Health	Cooling	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	New	6,296.80	5	$13,562.29	33%	-
Health	Cooling	Direct Digital Control System-	DDC Retrofit - EMS Upgrade	Pneumatic	Per Building	Existing	11,400.90	5	$24,455.86	6%	-
Health	Cooling	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	Existing	17.72	20	$ 477.04	76%	-
Health	Cooling	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	New	17.72	20	$ 477.04	76%	-
Health	Cooling	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	Existing	7.88	20	$ 60.58	62%	1
Health	Cooling	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	New	7.88	20	$ 60.58	62%	0
Health	Cooling	Duct Repair And Sealing	Reduction In Duct Losses to 5%	No Repair or Sealing, 15% duct losses	Per Building SqFt	Existing	0.06	18	$ 0.24	1%	-
Health	Cooling	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	Existing	3,420.27	10	$ 5,450.00	52%	-
Health	Cooling	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	New	2,833.56	10	$ 5,450.00	52%	-
Health	Cooling	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	Existing	0.21	30	$ 10.13	75%	-
Health	Cooling	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	New	0.17	30	$ 10.13	75%	-
Health	Cooling	Infiltration Control	Weather-Stripping	Standard Practice	Per Window SqFt	Existing	0.85	13	$ 0.39	9%	21
Health	Cooling	Insulation - Duct	New Duct Insulation (R-8) (Unconditioned	No Insulation	Per Surface Area of Duct	Existing	1.12	20	$ 2.61	0%	1
Health	Cooling	Insulation - Roof	R-20ci	Average Existing Insulation (R-10)	Per Roof Area SqFt	Existing	0.01	25	$ 1.77	13%	-
Health	Cooling	Insulation - Wall	R-13+R-7.5ci	Average Existing Insulation (R-10)	Per Wall Area SqFt	Existing	0.04	25	$ 1.84	33%	-
Health	Cooling	Retro-Commissioning	Retro-Commissioning	No Retro-Commissioning	Per SqFt	Existing	0.33	7	$ 0.30	61%	732
Health	Cooling	Tune-up - Chiller	Chiller Maintenance (Tune-up)	Unmaintained Chiller	Per SqFt	Existing	0.21	3	$ 0.16	16%	-
Health	Cooling	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	Existing	0.07	25	$ 3.67	53%	-
Health	Cooling	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	New	0.07	25	$ 3.67	60%	-
Health	Cooling	Window - Metal Framing	U-Value = 0.55 (Code Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	0.08	25	$ 27.83	10%	-
Health	Cooling	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	Existing	0.05	25	$ 2.08	12%	-
Health	Cooling	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	New	0.05	25	$ 2.08	14%	-
Health	Cooling	Window - Non-Metal Framing	U-Value = 0.35 (Code Non-Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	0.23	25	$ 42.42	12%	-
Health	Cooling DX	Advanced Control Technology	Advanced Control Technologies for Packaged	Standard Controls	Per 5 Tons of Cooling	Existing	971.80	15	$ 4,920.00	15%	-
Health	Cooling DX	Commissioning	Commissioning/QI - New Installation	No Commissioning	Per SqFt	New	0.27	7	$ 1.16	90%	-
Health	Cooling DX	Cool Roofs	ENERGY STAR Cool Roof - Reflect Material	Standard Roof	Per Roof Area SqFt	Existing	0.28	15	$ 0.68	15%	-
Health	Cooling DX	Cool Roofs	ENERGY STAR Cool Roof - Reflect Material	Standard Roof	Per Roof Area SqFt	New	0.21	15	$ 0.68	15%	-
Health	Cooling DX	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	Existing	10,320.76	5	$ 5,556.34	18%	234
Health	Cooling DX	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	New	7,639.69	5	$13,562.29	18%	-
Health	Cooling DX	Direct Digital Control System-	DDC Retrofit - EMS Upgrade	Pneumatic	Per Building	Existing	15,481.15	5	$24,455.86	3%	-
Health	Cooling DX	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	Existing	24.79	20	$ 477.04	76%	-
Health	Cooling DX	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	New	24.79	20	$ 477.04	76%	-
Health	Cooling DX	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	Existing	11.02	20	$ 60.58	62%	2
Health	Cooling DX	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	New	11.02	20	$ 60.58	62%	0
Health	Cooling DX	Duct Repair And Sealing	Reduction In Duct Losses to 5%	No Repair or Sealing, 15% duct losses	Per Building SqFt	Existing	0.09	18	$ 0.24	38%	155
Health	Cooling DX	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	Existing	4,644.34	10	$ 5,450.00	52%	309
Health	Cooling DX	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	New	3,437.86	10	$ 5,450.00	52%	-
Health	Cooling DX	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	Existing	0.28	30	$ 10.13	75%	-
Health	Cooling DX	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	New	0.21	30	$ 10.13	75%	-
Health	Cooling DX	Infiltration Control	Weather-Stripping	Standard Practice	Per Window SqFt	Existing	1.15	13	$ 0.39	9%	44
Health	Cooling DX	Insulation - Duct	New Duct Insulation (R-8) (Unconditioned	No Insulation	Per Surface Area of Duct	Existing	1.52	20	$ 2.61	15%	104
Health	Cooling DX	Insulation - Floor	R-30	Average Existing Insulation (R-10)	Per Floor Area SqFt	Existing	0.02	25	$ 1.82	29%	-
Health	Cooling DX	Insulation - Roof	R-20ci	Average Existing Insulation (R-10)	Per Roof Area SqFt	Existing	0.02	25	$ 1.77	13%	-
Health	Cooling DX	Insulation - Wall	R-13+R-7.5ci	Average Existing Insulation (R-10)	Per Wall Area SqFt	Existing	0.05	25	$ 1.84	33%	-
Health	Cooling DX	Package Terminal - Air Conditioner	High Efficiency Package Terminal Air	Federal Standard Equipment	Per Package Terminal AC	Existing	74.60	9	$ 88.00	7%	-
Health	Cooling DX	Package Terminal - Air Conditioner	High Efficiency Package Terminal Air	Federal Standard Equipment	Per Package Terminal AC	New	74.60	9	$ 88.00	7%	-

Health	Cooling DX	Retro-Commissioning	Retro-Commissioning	No Retro-Commissioning	Per SqFt	Existing	0.45	7	$ 0.30	90%	2,367
Health	Cooling DX	Rooftop DX Unit - Below Standard	Below Standard 9.5 EER, Air-Cooled = 135 and	Below Standard 9.5 EER, Air-Cooled = 135 and	Per Building SqFt	Existing	-	15	$ -	100%	-
Health	Cooling DX	Rooftop DX Unit - Below Standard	Below Standard 9.5 EER, Air-Cooled = 135 and	Below Standard 9.5 EER, Air-Cooled = 135 and	Per Building SqFt	New	-	15	$ -	100%	-
Health	Cooling DX	Rooftop DX Unit - CEE Tier 1	CEE Tier 1 11.5 EER, Air-Cooled = 135 and <	Federal Standard 11.0 EER, Air-Cooled = 135	Per Building SqFt	Existing	0.12	15	$ 0.06	100%	-
Health	Cooling DX	Rooftop DX Unit - CEE Tier 1	CEE Tier 1 11.5 EER, Air-Cooled = 135 and <	Federal Standard 11.0 EER, Air-Cooled = 135	Per Building SqFt	New	0.09	15	$ 0.06	100%	-
Health	Cooling DX	Rooftop DX Unit - CEE Tier 2	CEE Tier 2 12.0 EER, Air-Cooled = 135 and <	Federal Standard 11.0 EER, Air-Cooled = 135	Per Building SqFt	Existing	0.24	15	$ 0.10	100%	569
Health	Cooling DX	Rooftop DX Unit - CEE Tier 2	CEE Tier 2 12.0 EER, Air-Cooled = 135 and <	Federal Standard 11.0 EER, Air-Cooled = 135	Per Building SqFt	New	0.18	15	$ 0.10	100%	63
Health	Cooling DX	Rooftop DX Unit - Standard	Federal Standard 11.0 EER, Air-Cooled = 135	Federal Standard 11.0 EER, Air-Cooled = 135	Per Building SqFt	Existing	-	15	$ -	100%	-
Health	Cooling DX	Rooftop DX Unit - Standard	Federal Standard 11.0 EER, Air-Cooled = 135	Federal Standard 11.0 EER, Air-Cooled = 135	Per Building SqFt	New	-	15	$ -	100%	-
Health	Cooling DX	Thermostat Programmable	Setback Thermostat 5-1-1, 5-2 or 7-day	Manual Thermostat	Per Thermostat	Existing	774.06	15	$ 138.50	77%	392
Health	Cooling DX	Tune-up - Air Conditioner	Air Conditioner Maintenance (Tune-up)	Unmaintained Air Conditioner	Per Ton	Existing	114.33	3	$ 48.00	48%	-
Health	Cooling DX	Variable Air-Volume Systems	Install Variable Air-Volume System	Constant Volume System	Per Building SqFt	Existing	0.85	15	$ 1.19	10%	495
Health	Cooling DX	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	Existing	0.10	25	$ 3.67	53%	-
Health	Cooling DX	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	New	0.10	25	$ 3.67	60%	-
Health	Cooling DX	Window - Metal Framing	U-Value = 0.55 (Code Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	0.11	25	$ 27.83	10%	-
Health	Cooling DX	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	Existing	0.07	25	$ 2.08	12%	-
Health	Cooling DX	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	New	0.07	25	$ 2.08	14%	-
Health	Cooling DX	Window - Non-Metal Framing	U-Value = 0.35 (Code Non-Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	0.33	25	$ 42.42	12%	-
Health	Cooling DX	Window Air Conditioner	CEE TIER 1 = 11.3 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Window AC	Existing	118.52	9	$ 406.80	32%	-
Health	Cooling DX	Window Air Conditioner	CEE TIER 1 = 11.3 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Window AC	New	118.52	9	$ 406.80	32%	-
Health	Cooling DX	Window Air Conditioner	CEE TIER 2 = 11.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Window AC	Existing	151.33	9	$ 771.98	33%	-
Health	Cooling DX	Window Air Conditioner	CEE TIER 2 = 11.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Window AC	New	151.33	9	$ 771.98	33%	-
Health	Cooling DX	Window Air Conditioner	ENERGY STAR = 10.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Window AC	Existing	82.67	9	$ 41.62	26%	4
Health	Cooling DX	Window Air Conditioner	ENERGY STAR = 10.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Window AC	New	82.67	9	$ 41.62	26%	0
Health	Dryer	Dryer - High Efficiency	High Efficiency Dryer	Standard Dryer	Per Building SqFt	Existing	0.14	12	$ 0.08	10%	-
Health	Dryer	Dryer - High Efficiency	High Efficiency Dryer	Standard Dryer	Per Building SqFt	New	0.14	12	$ 0.08	10%	2
Health	Dryer	Dryer - Standard	Standard Dryer	Standard Dryer	Per Building SqFt	Existing	-	12	$ 0.08	100%	-
Health	Dryer	Dryer - Standard	Standard Dryer	Standard Dryer	Per Building SqFt	New	-	12	$ 0.08	100%	-
Health	Ext Lighting	Exterior Lighting - Standard	Standard Exterior Lighting	Standard Exterior Lighting	Per Building SqFt	Existing	-	14	$ -	100%	-
Health	Ext Lighting	Exterior Lighting - Standard	Standard Exterior Lighting	Standard Exterior Lighting	Per Building SqFt	New	-	14	$ -	100%	-
Health	Ext Lighting	Lighting - LED Lighting Package	Exterior LED Lighting Package	Standard Lighting	Per Lighting Package	Existing	25.85	13	$ 291.76	66%	-
Health	Ext Lighting	Lighting - High Intensity Discharge	High Efficiency Metal Halide Lighting Packages	Standard HID Lighting	Per Lighting Package	Existing	11.14	5	$ 14.12	62%	-
Health	Ext Lighting	Lighting - Induction Lighting Package	Induction Lighting Package	Standard HID Lighting	Per Lighting Package	Existing	31.67	13	$ 72.20	67%	-
Health	Fax	Fax - ENERGY STAR	ENERGY STAR Fax	Standard Fax	Per Building SqFt	Existing	0.00	6	$ -	100%	15
Health	Fax	Fax - ENERGY STAR	ENERGY STAR Fax	Standard Fax	Per Building SqFt	New	0.00	6	$ -	100%	1
Health	Fax	Fax - Standard	Standard Fax	Standard Fax	Per Building SqFt	Existing	-	6	$ -	100%	-
Health	Fax	Fax - Standard	Standard Fax	Standard Fax	Per Building SqFt	New	-	6	$ -	100%	-
Health	Flat Screen	Monitor - ENERGY STAR Flat Screen	ENERGY STAR Flat Screen Monitor	Standard Flat Screen Monitor	Per Building SqFt	Existing	0.00	4	$ 0.00	100%	-
Health	Flat Screen	Monitor - ENERGY STAR Flat Screen	ENERGY STAR Flat Screen Monitor	Standard Flat Screen Monitor	Per Building SqFt	New	0.00	4	$ 0.00	100%	-
Health	Flat Screen	Monitor - Standard Flat Screen	Standard Flat Screen Monitor	Standard Flat Screen Monitor	Per Building SqFt	Existing	-	4	$ -	100%	-
Health	Flat Screen	Monitor - Standard Flat Screen	Standard Flat Screen Monitor	Standard Flat Screen Monitor	Per Building SqFt	New	-	4	$ -	100%	-
Health	Freezers	Freezer - 2014 Federal Standard	2014 Standard Freezer	Standard Freezer	Per Building SqFt	Existing	0.00	12	$ 0.00	100%	-
Health	Freezers	Freezer - 2014 Federal Standard	2014 Standard Freezer	Standard Freezer	Per Building SqFt	New	0.00	12	$ 0.00	100%	-
Health	Freezers	Freezer - Below Standard	Below Standard Freezer	Below Standard Freezer	Per Building SqFt	Existing	-	12	$ -	100%	-
Health	Freezers	Freezer - Below Standard	Below Standard Freezer	Below Standard Freezer	Per Building SqFt	New	-	12	$ -	100%	-
Health	Freezers	Freezer - ENERGY STAR	ENERGY STAR Freezer	Standard Freezer	Per Building SqFt	Existing	0.00	12	$ 0.00	100%	-
Health	Freezers	Freezer - ENERGY STAR	ENERGY STAR Freezer	Standard Freezer	Per Building SqFt	New	0.00	12	$ 0.00	100%	-
Health	Freezers	Freezer - Standard	Standard Freezer	Standard Freezer	Per Building SqFt	Existing	-	12	$ -	100%	-
Health	Freezers	Freezer - Standard	Standard Freezer	Standard Freezer	Per Building SqFt	New	-	12	$ -	100%	-
Health	HVAC Aux	Cooling Tower-Two-Speed Fan Motor	Cooling Tower-Two-Speed Fan Motor	Cooling Tower-One-Speed Fan Motor	Per Chiller Ton	Existing	120.34	15	$ 2.35	33%	1,169
Health	HVAC Aux	Cooling Tower-VSD Fan Control	Variable-Speed Tower Fans Replace Two-	Cooling Tower-One-Speed Fan Motor	Per Chiller Ton	Existing	34.38	13	$ 19.00	71%	29
Health	HVAC Aux	Cooling Tower-VSD Fan Control	Variable-Speed Tower Fans Replace Two-	Cooling Tower-One-Speed Fan Motor	Per Chiller Ton	New	24.71	13	$ 19.00	11%	4
Health	HVAC Aux	Demand Controlled Ventilation - Range	For Range Hoods – VFD Controlled	No DCV	Per Range Hood	Existing	1,454.87	10	$12,500.00	64%	-
Health	HVAC Aux	Demand Controlled Ventilation - Range	For Range Hoods – VFD Controlled	No DCV	Per Range Hood	New	1,045.69	10	$ 6,500.00	64%	-
Health	HVAC Aux	ECM Motor	Central Air Conditioner ECM Fan	Standard Motor	Per ECM	Existing	1,029.55	15	$ 200.00	24%	315
Health	HVAC Aux	ECM Motor	Central Air Conditioner ECM Fan	Standard Motor	Per ECM	New	739.99	15	$ 200.00	34%	19
Health	HVAC Aux	ECM Motor	Electric Furnace ECM Fan	Standard Motor	Per ECM	Existing	1,029.55	15	$ 200.00	16%	216
Health	HVAC Aux	ECM Motor	Electric Furnace ECM Fan	Standard Motor	Per ECM	New	739.99	15	$ 200.00	24%	13
Health	HVAC Aux	ECM Motor	Gas Furnace ECM Fan (CEE Air Handling Ratio	Standard Motor	Per ECM	Existing	1,029.55	15	$ 200.00	42%	562
Health	HVAC Aux	ECM Motor	Gas Furnace ECM Fan (CEE Air Handling Ratio	Standard Motor	Per ECM	New	739.99	15	$ 200.00	62%	34
Health	HVAC Aux	HVAC Auxillary - Standard Equipment	Standard HVAC Auxillary	Standard HVAC Auxillary	Per Building SqFt	Existing	-	15	$ -	100%	-
Health	HVAC Aux	HVAC Auxillary - Standard Equipment	Standard HVAC Auxillary	Standard HVAC Auxillary	Per Building SqFt	New	-	15	$ -	100%	-
Health	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 1-15 HP, 1200-3600	NEMA Qualifying Standard Motor	Per Motor	Existing	75.68	15	$ 274.24	67%	-

Health	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 1-15 HP, 1200-3600	NEMA Qualifying Standard Motor	Per Motor	New	75.68	15	$ 274.24	67%	-
Health	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 125-200 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	Existing	2,066.69	15	$ 2,036.86	0%	0
Health	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 125-200 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	New	518.91	15	$ 2,036.86	9%	-
Health	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 20-40 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	Existing	518.91	15	$ 678.39	9%	-
Health	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 20-40 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	New	1,143.16	15	$ 678.39	1%	0
Health	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 250-500 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	Existing	5,959.61	15	$ 4,197.32	0%	0
Health	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 250-500 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	New	2,066.69	15	$ 4,197.32	0%	-
Health	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 50-100 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	Existing	1,143.16	15	$ 1,375.63	1%	-
Health	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 50-100 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	New	5,959.61	15	$ 1,375.63	0%	0
Health	HVAC Aux	Optimized Variable Volume Lab Hood	Optimized Variable Volume Lab Hood Design	Constant Volume Lab Hood Design	Per Lab Hood	Existing	620.75	10	$ 1,705.00	64%	-
Health	HVAC Aux	Optimized Variable Volume Lab Hood	Optimized Variable Volume Lab Hood Design	Constant Volume Lab Hood Design	Per Lab Hood	New	446.16	10	$ 1,705.00	64%	-
Health	HVAC Aux	Variable Air-Volume Systems	Install Variable Air-Volume System	Constant Volume System	Per Building SqFt	Existing	0.26	15	$ 1.19	10%	-
Health	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 1-15 HP	Constant Speed Motor	Per Building	Existing	15,518.66	15	$ 3,434.92	67%	3,366
Health	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 1-15 HP	Constant Speed Motor	Per Building	New	11,154.06	15	$ 3,434.92	67%	141
Health	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 125-200 HP	Constant Speed Motor	Per Building	Existing	15,518.66	15	$ 1,613.40	1%	31
Health	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 125-200 HP	Constant Speed Motor	Per Building	New	11,154.06	15	$ 1,613.40	1%	1
Health	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 20-40 HP	Constant Speed Motor	Per Building	Existing	15,518.66	15	$ 1,990.76	4%	217
Health	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 20-40 HP	Constant Speed Motor	Per Building	New	11,154.06	15	$ 1,990.76	4%	9
Health	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 250-500 HP	Constant Speed Motor	Per Building	Existing	15,518.66	15	$ 1,224.38	0%	11
Health	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 250-500 HP	Constant Speed Motor	Per Building	New	11,154.06	15	$ 1,224.38	0%	0
Health	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 50-100 HP	Constant Speed Motor	Per Building	Existing	15,518.66	15	$ 2,452.63	1%	69
Health	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 50-100 HP	Constant Speed Motor	Per Building	New	11,154.06	15	$ 2,452.63	1%	3
Health	Heat Pump	Commissioning	Commissioning/QI - New Installation	No Commissioning	Per SqFt	New	0.60	7	$ 1.16	90%	-
Health	Heat Pump	Cool Roofs	ENERGY STAR Cool Roof - Reflect Material	Standard Roof	Per Roof Area SqFt	Existing	0.30	15	$ 0.68	15%	-
Health	Heat Pump	Cool Roofs	ENERGY STAR Cool Roof - Reflect Material	Standard Roof	Per Roof Area SqFt	New	0.19	15	$ 0.68	15%	-
Health	Heat Pump	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	Existing	22,081.56	5	$11,112.69	18%	-
Health	Heat Pump	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	New	16,654.92	5	$11,112.69	18%	-
Health	Heat Pump	Direct Digital Control System-	DDC Retrofit - EMS Upgrade	Pneumatic	Per Building	Existing	33,122.33	5	$48,911.73	3%	-
Health	Heat Pump	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	Existing	296.41	20	$ 477.04	76%	18
Health	Heat Pump	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	New	296.41	20	$ 477.04	76%	1
Health	Heat Pump	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	Existing	131.74	20	$ 60.58	62%	1
Health	Heat Pump	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	New	131.74	20	$ 60.58	62%	0
Health	Heat Pump	Duct Repair And Sealing	Reduction In Duct Losses to 5%	No Repair or Sealing, 15% duct losses	Per Building SqFt	Existing	0.18	18	$ 0.24	38%	78
Health	Heat Pump	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	Existing	9,936.70	10	$ 5,450.00	52%	170
Health	Heat Pump	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	New	7,494.71	10	$ 5,450.00	52%	7
Health	Heat Pump	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	Existing	0.30	30	$ 10.13	75%	-
Health	Heat Pump	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	New	0.19	30	$ 10.13	75%	-
Health	Heat Pump	Heat Pump - Below Standard	Below Standard Air Source Heat Pump 9.0 EER	Below Standard Air Source Heat Pump 9.0 EER	Per Building SqFt	Existing	-	15	$ -	100%	-
Health	Heat Pump	Heat Pump - Below Standard	Below Standard Air Source Heat Pump 9.0 EER	Below Standard Air Source Heat Pump 9.0 EER	Per Building SqFt	New	-	15	$ -	100%	-
Health	Heat Pump	Heat Pump - ENERGY STAR	ENERGY STAR Ground Source Heat Pump	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	Existing	1.36	15	$ 15.00	5%	-
Health	Heat Pump	Heat Pump - ENERGY STAR	ENERGY STAR Ground Source Heat Pump	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	New	1.01	15	$ 9.64	5%	-
Health	Heat Pump	Heat Pump - High Efficiency	High Efficiency Air Source Heat Pump 11.1 EER	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	Existing	0.23	15	$ 0.13	100%	128
Health	Heat Pump	Heat Pump - High Efficiency	High Efficiency Air Source Heat Pump 11.1 EER	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	New	0.17	15	$ 0.13	100%	11
Health	Heat Pump	Heat Pump - Premium Efficiency	Premium Efficiency Water Source Heat Pump	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	Existing	1.09	15	$ 0.71	5%	32
Health	Heat Pump	Heat Pump - Premium Efficiency	Premium Efficiency Water Source Heat Pump	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	New	0.83	15	$ 0.81	5%	3
Health	Heat Pump	Heat Pump - Standard	Federal Standard Air Source Heat Pump 10.6	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	Existing	-	15	$ -	100%	-
Health	Heat Pump	Heat Pump - Standard	Federal Standard Air Source Heat Pump 10.6	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	New	-	15	$ -	100%	-
Health	Heat Pump	Heat Pump - Variable Refrigerant Flow	Variable Refrigerant Flow System (VRF) - Heat	Packaged VAV With Electric Reheat	Per Ton	Existing	929.52	15	$ 540.00	33%	1,226
Health	Heat Pump	Heat Pump - Variable Refrigerant Flow	Variable Refrigerant Flow System (VRF) - Heat	Packaged VAV With Electric Reheat	Per Ton	New	701.09	15	$ 540.00	81%	132
Health	Heat Pump	Infiltration Control	Weather-Stripping	Standard Practice	Per Window SqFt	Existing	4.10	13	$ 0.39	9%	44
Health	Heat Pump	Insulation - Duct	New Duct Insulation (R-8) (Unconditioned	No Insulation	Per Surface Area of Duct	Existing	3.25	20	$ 2.61	15%	53
Health	Heat Pump	Insulation - Floor	R-30	Average Existing Insulation (R-10)	Per Floor Area SqFt	Existing	0.29	25	$ 1.82	29%	-
Health	Heat Pump	Insulation - Roof	R-20ci	Average Existing Insulation (R-10)	Per Roof Area SqFt	Existing	0.19	25	$ 1.77	13%	-
Health	Heat Pump	Insulation - Wall	R-13+R-7.5ci	Average Existing Insulation (R-10)	Per Wall Area SqFt	Existing	0.59	25	$ 1.84	33%	-
Health	Heat Pump	Package Terminal - Heat Pump	High Efficiency Package Terminal Air	Federal Standard Equipment	Per Ton	Existing	74.60	15	$ 150.01	10%	-
Health	Heat Pump	Package Terminal - Heat Pump	High Efficiency Package Terminal Air	Federal Standard Equipment	Per Ton	New	74.60	15	$ 150.01	10%	-
Health	Heat Pump	Retro-Commissioning	Retro-Commissioning	No Retro-Commissioning	Per SqFt	Existing	0.97	7	$ 0.30	90%	1,217
Health	Heat Pump	Thermostat Programmable	Setback Thermostat 5-1-1, 5-2 or 7-day	Manual Thermostat	Per Thermostat	Existing	1,656.12	15	$ 138.50	77%	231
Health	Heat Pump	Tune-up - Air Source Heat Pump	Air Source Heat Pump Maintenance (Tune-up)	Unmaintained Air Source Heat Pump	Per Ton	Existing	244.61	3	$ 48.00	48%	17
Health	Heat Pump	Tune-up - Ground Source Heat Pump	Ground Source Heat Pump Maintenance (Tune-	Unmaintained Ground Source Heat Pump	Per Ton	Existing	244.61	3	$ 48.00	48%	17
Health	Heat Pump	Variable Air-Volume Systems	Install Variable Air-Volume System	Constant Volume System	Per Building SqFt	Existing	1.30	15	$ 1.19	10%	209
Health	Heat Pump	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	Existing	1.22	25	$ 3.67	53%	-
Health	Heat Pump	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	New	1.22	25	$ 3.67	60%	-

Health	Heat Pump	Window - Metal Framing	U-Value = 0.55 (Code Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	1.27	25	$ 27.83	10%	-
Health	Heat Pump	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	Existing	0.78	25	$ 2.08	12%	-
Health	Heat Pump	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	New	0.78	25	$ 2.08	14%	-
Health	Heat Pump	Window - Non-Metal Framing	U-Value = 0.35 (Code Non-Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	3.90	25	$ 42.42	12%	-
Health	Lighting	Bi-Level Control, Stairwell Lighting	Bi-Level Stairwell Occupancy Sensor Control,	Continuous Full Power Lighting in Stairways	Per Stairwell Lighting Control	Existing	355.26	9	$ 107.50	68%	1,412
Health	Lighting	Bi-Level Control, Stairwell Lighting	Bi-Level Stairwell Occupancy Sensor Control,	Continuous Full Power Lighting in Stairways	Per Stairwell Lighting Control	New	224.96	9	$ 107.50	68%	52
Health	Lighting	Ceiling Fans	ENERGY STAR Ceiling Fans with Light Kit	Standard Ceiling Fan	Per Ceiling Fan	Existing	98.55	10	$ 119.55	85%	-
Health	Lighting	Ceiling Fans	ENERGY STAR Ceiling Fans with Light Kit	Standard Ceiling Fan	Per Ceiling Fan	New	98.55	10	$ 119.55	85%	-
Health	Lighting	Daylighting Controls	Continuous Dimming, Fluorescent Fixtures (Day-	No Dimming Controls	Per Applicable SQFT of Dimmable Perimeter	Existing	4.97	9	$ 1.67	62%	12,163
Health	Lighting	Daylighting Controls	Continuous Dimming, Fluorescent Fixtures (Day-	No Dimming Controls	Per Applicable SQFT of Dimmable Perimeter	New	3.15	13	$ 1.67	0%	-
Health	Lighting	Daylighting Controls	Dual Level Switches, Fluorescent Fixtures	No Dimming Controls	Per Applicable SQFT of Dimmable Perimeter	Existing	2.04	9	$ 0.83	62%	3,029
Health	Lighting	Daylighting Controls	Dual Level Switches, Fluorescent Fixtures	No Dimming Controls	Per Applicable SQFT of Dimmable Perimeter	New	1.29	13	$ 0.83	0%	-
Health	Lighting	Exit Sign - LED	LED Exit Signs	CFL Exit Sign	Per Exit Sign	Existing	175.20	11	$ 68.22	54%	470
Health	Lighting	Exit Sign - Photoluminescent	Photoluminescent Exit Sign	LED Exit Sign	Per Exit Sign	Existing	35.04	13	$ 30.00	93%	163
Health	Lighting	Exit Sign - Photoluminescent	Photoluminescent Exit Sign	LED Exit Sign	Per Exit Sign	New	35.04	13	$ 30.00	93%	9
Health	Lighting	LED Refrigerated Case Lighting	LED Refrigerated Case Lighting	Fluorescent	Per Refrigerated Glass Case	Existing	224.00	13	$ 600.00	49%	-
Health	Lighting	LED Refrigerated Case Lighting	LED Refrigerated Case Lighting	Fluorescent	Per Refrigerated Glass Case	New	224.00	13	$ 600.00	49%	-
Health	Lighting	LED Strip Lighting	LED Strip Lighting (Non-Refrigerated)	Fluorescent	Per Linear Foot of Lighting	Existing	0.60	11	$ 2.99	78%	-
Health	Lighting	LED Strip Lighting	LED Strip Lighting (Non-Refrigerated)	Fluorescent	Per Linear Foot of Lighting	New	0.60	11	$ 2.99	78%	-
Health	Lighting	LightLouver Daylighting System	LightLouver Daylighting System	No Daylight System	Per Linear Feet of Window	Existing	49.82	9	$ 65.00	40%	-
Health	Lighting	Lighting - CFL Lamp Package	ENERGY STAR CFL	EISA Incandescent	Per Building	Existing	11,925.34	2	$ 68.81	68%	689
Health	Lighting	Lighting - Clock/Timer	Lighting Clock/Timer Commercial grade	No Time Clock	Per Lighting Control	Existing	2,250.44	9	$ 205.43	42%	2,164
Health	Lighting	Lighting - Fluorescent High	Fluorescent HP Lamps and Ballasts Packages	Standard Lighting	Per Lighting Package	Existing	27,925.55	13	$49,849.45	90%	-
Health	Lighting	Lighting - Fluorescent Reduced	Fluorescent RW Lamps and Ballasts Packages	Standard Lighting	Per Lighting Package	Existing	55,851.10	13	$41,203.51	76%	13,738
Health	Lighting	Lighting - Induction Lighting Package	Induction Lighting Package	Standard HID Lighting	Per Lighting Package	Existing	1,938.84	20	$ 5,849.84	38%	-
Health	Lighting	Lighting - LED Lamp Package	ENERGY STAR LED	EISA Incandescent	Per Lighting Package	Existing	14,366.11	10	$ 3,207.55	73%	3,417
Health	Lighting	Lighting - LPD Package	LPD Reduction Package 15%	LPD Code	Per Lighting Package	New	30,693.30	15	$ 150.86	68%	109
Health	Lighting	Lighting - LPD Package	LPD Reduction Package 25%	LPD Code	Per Lighting Package	New	51,155.50	15	$ 3,633.39	71%	688
Health	Lighting	Lighting - Specialty Lamp Package	CFL and LED Specialty Lamp Package	Standard Incandescent	Per Lighting Package	Existing	9,148.09	3	$ 577.83	81%	2,391
Health	Lighting	Lighting - Standard	Standard Lighting	Standard Lighting	Per Building SqFt	Existing	-	14	$ -	100%	-
Health	Lighting	Lighting - Standard	Standard Lighting	Standard Lighting	Per Building SqFt	New	-	14	$ -	100%	-
Health	Lighting	Occupancy Sensor - High-Bay	Fixture-Mounted (Control > 150 Watts)	No Sensor	Per Lighting Control	Existing	1,398.86	14	$ 225.00	2%	7
Health	Lighting	Occupancy Sensor - High-Bay	Fixture-Mounted (Control > 150 Watts)	No Sensor	Per Lighting Control	New	885.80	14	$ 225.00	2%	0
Health	Lighting	Occupancy Sensor - Wall or Ceiling	Wall or Ceiling-Mounted (Control > 400 Watts)	No Sensor	Per Lighting Control	Existing	116.10	14	$ 225.00	68%	-
Health	Lighting	Occupancy Sensor - Wall or Ceiling	Wall or Ceiling-Mounted (Control > 400 Watts)	No Sensor	Per Lighting Control	New	73.52	14	$ 225.00	68%	-
Health	Other	Compressed Air Optimization	Compressed Air - Leak Audit, New	No Leak Audit And No New Compressor And	Per Compressor HP	Existing	281.82	10	$ 50.00	37%	40
Health	Other	Other - Standard	Standard Other Equipment	Standard Other Equipment	Per Building SqFt	Existing	-	10	$ -	100%	-
Health	Other	Other - Standard	Standard Other Equipment	Standard Other Equipment	Per Building SqFt	New	-	10	$ -	100%	-
Health	Other	Transformers	Transformers, Three-Phase Low-Voltage Dry-	Standard Efficiency Transformer NEMA TP-1-	Per Transformer	Existing	578.47	30	$ 1,115.00	50%	94
Health	Other	Transformers	Transformers, Three-Phase Low-Voltage Dry-	Standard Efficiency Transformer NEMA TP-1-	Per Transformer	New	578.47	30	$ 1,115.00	50%	5
Health	Other Plug	All-In-One Office Equipment	All-In-One ENERGY STAR Office Equipment	Non-ENERGY STAR Features	Per All-in-One Device	Existing	200.08	6	$ 218.33	68%	-
Health	Other Plug	All-In-One Office Equipment	All-In-One ENERGY STAR Office Equipment	Non-ENERGY STAR Features	Per All-in-One Device	New	200.08	6	$ 218.33	68%	-
Health	Other Plug	Ceiling Fans	ENERGY STAR Ceiling Fans with Light Kit	Standard Ceiling Fan	Per Ceiling Fan	Existing	4.33	10	$ 119.55	85%	-
Health	Other Plug	Ceiling Fans	ENERGY STAR Ceiling Fans with Light Kit	Standard Ceiling Fan	Per Ceiling Fan	New	4.33	10	$ 119.55	85%	-
Health	Other Plug	Ceiling Fans	ENERGY STAR Ceiling Fans without Light Kit	Standard Ceiling Fan	Per Ceiling Fan	Existing	4.33	10	$ 1.46	85%	5
Health	Other Plug	Ceiling Fans	ENERGY STAR Ceiling Fans without Light Kit	Standard Ceiling Fan	Per Ceiling Fan	New	4.33	10	$ 1.46	85%	0
Health	Other Plug	Plug Load - Standard Equipment	Standard Plug Load	Standard Plug Load	Per Building SqFt	Existing	-	10	$ -	100%	-
Health	Other Plug	Plug Load - Standard Equipment	Standard Plug Load	Standard Plug Load	Per Building SqFt	New	-	10	$ -	100%	-
Health	Other Plug	Snow Melt System Control	Snow Melt System Control	Manual Control	Per Snow Melt Control	Existing	1,223.05	25	$ 2,782.00	5%	-
Health	Other Plug	Snow Melt System Control	Snow Melt System Control	Manual Control	Per Snow Melt Control	New	1,270.10	25	$ 2,782.00	0%	-
Health	Other Plug	Water Coolers	ENERGY STAR Water Cooler	Non-ENERGY STAR Water Cooler	Per Water Cooler	Existing	242.79	10	$ 5.00	34%	53
Health	Other Plug	Water Coolers	ENERGY STAR Water Cooler	Non-ENERGY STAR Water Cooler	Per Water Cooler	New	252.13	10	$ 5.00	34%	3
Health	Photo	Photo Copier - ENERGY STAR	ENERGY STAR Photo Copier	Standard Photo Copier	Per Building SqFt	Existing	0.00	6	$ 0.01	100%	-
Health	Photo	Photo Copier - ENERGY STAR	ENERGY STAR Photo Copier	Standard Photo Copier	Per Building SqFt	New	0.00	6	$ 0.01	100%	-
Health	Photo	Photo Copiers - Standard	Standard Photo Copier	Standard Photo Copier	Per Building SqFt	Existing	-	6	$ -	100%	-
Health	Photo	Photo Copiers - Standard	Standard Photo Copier	Standard Photo Copier	Per Building SqFt	New	-	6	$ -	100%	-
Health	Printers	Printers - ENERGY STAR	ENERGY STAR Printers	Standard Printers	Per Building SqFt	Existing	0.03	6	$ 0.01	100%	295
Health	Printers	Printers - ENERGY STAR	ENERGY STAR Printers	Standard Printers	Per Building SqFt	New	0.03	6	$ 0.01	100%	21
Health	Printers	Printers - Standard	Standard Printers	Standard Printers	Per Building SqFt	Existing	-	6	$ 0.01	100%	-
Health	Printers	Printers - Standard	Standard Printers	Standard Printers	Per Building SqFt	New	-	6	$ 0.01	100%	-
Health	Refrigeratio	Anti-Sweat Heater Controls	Variable Temperature Controls (Humidistat)	Constant Controls	Per Control (Weighted by Grocery	Existing	767.25	12	$ 78.84	79%	175
Health	Refrigeratio	Anti-Sweat Heater Controls	Variable Temperature Controls (Humidistat)	Constant Controls	Per Control (Weighted by Grocery	New	767.25	12	$ 78.84	20%	3
Health	Refrigeratio	Case Fans with ECM motors	ECM Motors on Evaporator Fan for Display	Standard Case Fan Motor	Per ECM (Weighted by Grocery	Existing	1,018.06	12	$ 243.00	37%	108

Health	Refrigeratio	Case Fans with ECM motors	ECM Motors on Evaporator Fan for Display	Standard Case Fan Motor	Per ECM (Weighted by Grocery	New	1,018.06	12	$ 243.00	37%	6
Health	Refrigeratio	Demand Control Defrost - Electric	Refrigerant Defrost	No Demand Control Defrost	Per Building SqFt	Existing	0.01	10	$ 0.10	41%	-
Health	Refrigeratio	Demand Control Defrost - Hot Gas	Refrigerant Defrost	No Demand Control Defrost	Per Building SqFt	Existing	0.02	10	$ 0.12	41%	-
Health	Refrigeratio	Evaporator Fans - Walk-ins	High-Efficiency Evaporator Fans, Walk-in	Standard Evaporator Fans	Per Walk-in Fan	Existing	435.00	15	$ 132.39	69%	289
Health	Refrigeratio	Evaporator Fans - Walk-ins	High-Efficiency Evaporator Fans, Walk-in	Standard Evaporator Fans	Per Walk-in Fan	New	435.00	15	$ 132.39	69%	17
Health	Refrigeratio	Glass Door Refrigerators	ENERGY STAR Qualified (Volume 0 to 50+	Standard Equipment	Per Glass Door Refrigerator	Existing	1,086.26	12	$ 704.49	90%	39
Health	Refrigeratio	Glass Door Refrigerators	ENERGY STAR Qualified (Volume 0 to 50+	Standard Equipment	Per Glass Door Refrigerator	New	1,086.26	12	$ 704.49	95%	3
Health	Refrigeratio	Ice Makers, Air Cooled	ENERGY STAR Qualified, Ice-Making Head	Standard Equipment	Per Ice Maker	Existing	1,197.10	10	$ 140.00	27%	52
Health	Refrigeratio	Ice Makers, Air Cooled	ENERGY STAR Qualified, Ice-Making Head	Standard Equipment	Per Ice Maker	New	1,197.10	10	$ 140.00	27%	3
Health	Refrigeratio	Ice Makers, Air Cooled	ENERGY STAR Qualified, Remote Condensing	Standard Equipment	Per Ice Maker	Existing	1,293.25	10	$ 5.00	27%	57
Health	Refrigeratio	Ice Makers, Air Cooled	ENERGY STAR Qualified, Remote Condensing	Standard Equipment	Per Ice Maker	New	1,293.25	10	$ 5.00	27%	3
Health	Refrigeratio	Ice Makers, Air Cooled	ENERGY STAR Qualified, Self-Contained	Standard Equipment	Per Ice Maker	Existing	317.99	10	$ 5.00	27%	14
Health	Refrigeratio	Ice Makers, Air Cooled	ENERGY STAR Qualified, Self-Contained	Standard Equipment	Per Ice Maker	New	317.99	10	$ 5.00	27%	1
Health	Refrigeratio	Ice Makers, Water-Cooled	Ice-Making Head - Water Cooled	Standard Equipment	Per Ice Maker	Existing	894.30	10	$ 1,000.00	27%	-
Health	Refrigeratio	Ice Makers, Water-Cooled	Ice-Making Head - Water Cooled	Standard Equipment	Per Ice Maker	New	894.30	10	$ 1,000.00	27%	-
Health	Refrigeratio	Ice Makers, Water-Cooled	Self-Contained - Water Cooled	Standard Equipment	Per Ice Maker	Existing	187.70	10	$ 850.00	27%	-
Health	Refrigeratio	Ice Makers, Water-Cooled	Self-Contained - Water Cooled	Standard Equipment	Per Ice Maker	New	187.70	10	$ 850.00	27%	-
Health	Refrigeratio	Night Covers for Display Cases	Night Covers for Display Cases	No Night Covers	Per Building	Existing	231.94	10	$ 3,274.47	5%	-
Health	Refrigeratio	Night Covers for Display Cases	Night Covers for Display Cases	No Night Covers	Per Building	New	238.99	10	$ 3,274.47	5%	-
Health	Refrigeratio	Novelty Cooler Shutoff	Cooler Shutoff with Controls System or Shutoff	No Cooler Shutoff	Per Cooler Case	Existing	680.38	10	$ 102.06	63%	69
Health	Refrigeratio	Novelty Cooler Shutoff	Cooler Shutoff with Controls System or Shutoff	No Cooler Shutoff	Per Cooler Case	New	680.38	10	$ 102.06	63%	4
Health	Refrigeratio	Occupancy Sensor - Refrigerated	Occupancy Sensor - Refrigerated Cases	No Sensor	Per Linear Foot of Refrigerated Display Case	Existing	20.45	8	$ 3.00	14%	4
Health	Refrigeratio	Occupancy Sensor - Refrigerated	Occupancy Sensor - Refrigerated Cases	No Sensor	Per Linear Foot of Refrigerated Display Case	New	20.45	8	$ 3.00	14%	0
Health	Refrigeratio	Refrigeration - Retro-Commissioning	Refrigeration Retro Commissioning	No Retro-Commissioning	Per Refrigeration Ton	Existing	90.96	10	$ 191.95	78%	-
Health	Refrigeratio	Refrigeration - Commissioning	Commissioning (Refrigeration System	No Commissioning	Per Refrigeration Ton	New	93.72	3	$ 49.60	87%	-
Health	Refrigeratio	Refrigeration - Standard	Standard Refrigeration	Standard Refrigeration	Per Building SqFt	Existing	-	14	$ -	100%	-
Health	Refrigeratio	Refrigeration - Standard	Standard Refrigeration	Standard Refrigeration	Per Building SqFt	New	-	14	$ -	100%	-
Health	Refrigeratio	Solid Door Freezers	ENERGY STAR Qualified (Volume 0 to 50+	Standard Equipment	Per Commercial Freezer	Existing	1,463.00	12	$ 247.00	76%	9
Health	Refrigeratio	Solid Door Freezers	ENERGY STAR Qualified (Volume 0 to 50+	Standard Equipment	Per Commercial Freezer	New	1,463.00	12	$ 247.00	76%	1
Health	Refrigeratio	Solid Door Refrigerators	ENERGY STAR Qualified (Volume 0 to 50+	Standard Equipment	Per Commercial Refrigerator	Existing	849.00	12	$ 124.00	75%	5
Health	Refrigeratio	Solid Door Refrigerators	ENERGY STAR Qualified (Volume 0 to 50+	Standard Equipment	Per Commercial Refrigerator	New	849.00	12	$ 124.00	75%	0
Health	Refrigeratio	Strip Curtains for Walk-Ins	Strip Curtains for Walk-Ins	No Strip Curtains for Walk-Ins	Per Walk-in	Existing	363.83	4	$ 300.00	12%	-
Health	Refrigeratio	Strip Curtains for Walk-Ins	Strip Curtains for Walk-Ins	No Strip Curtains for Walk-Ins	Per Walk-in	New	374.89	4	$ 300.00	12%	-
Health	Refrigerator	Refrigerator - 2014 Federal Standard	2014 Standard Refrigerator	Standard Refrigerator	Per Building SqFt	Existing	0.05	13	$ 0.16	100%	-
Health	Refrigerator	Refrigerator - 2014 Federal Standard	2014 Standard Refrigerator	Standard Refrigerator	Per Building SqFt	New	0.05	13	$ 0.16	100%	-
Health	Refrigerator	Refrigerator - Below Standard	Below Standard Refrigerator	Below Standard Refrigerator	Per Building SqFt	Existing	-	13	$ -	100%	-
Health	Refrigerator	Refrigerator - Below Standard	Below Standard Refrigerator	Below Standard Refrigerator	Per Building SqFt	New	-	13	$ -	100%	-
Health	Refrigerator	Refrigerator - CEE Tier 1	CEE Tier 1 Refrigerator	Standard Refrigerator	Per Building SqFt	Existing	0.06	13	$ 0.22	100%	-
Health	Refrigerator	Refrigerator - CEE Tier 1	CEE Tier 1 Refrigerator	Standard Refrigerator	Per Building SqFt	New	0.06	13	$ 0.22	100%	-
Health	Refrigerator	Refrigerator - CEE Tier 2	CEE Tier 2 Refrigerator	Standard Refrigerator	Per Building SqFt	Existing	0.03	13	$ 0.10	100%	-
Health	Refrigerator	Refrigerator - CEE Tier 2	CEE Tier 2 Refrigerator	Standard Refrigerator	Per Building SqFt	New	0.03	13	$ 0.10	100%	-
Health	Refrigerator	Refrigerator - ENERGY STAR	ENERGY STAR Refrigerator	Standard Refrigerator	Per Building SqFt	Existing	0.02	13	$ 0.04	100%	-
Health	Refrigerator	Refrigerator - ENERGY STAR	ENERGY STAR Refrigerator	Standard Refrigerator	Per Building SqFt	New	0.02	13	$ 0.04	100%	-
Health	Refrigerator	Refrigerator - Federal Standard	Standard Refrigerator	Standard Refrigerator	Per Building SqFt	Existing	-	13	$ -	100%	-
Health	Refrigerator	Refrigerator - Federal Standard	Standard Refrigerator	Standard Refrigerator	Per Building SqFt	New	-	13	$ -	100%	-
Health	Servers	Server - ENERGY STAR	ENERGY STAR Server	Standard Server	Per Building SqFt	Existing	0.01	9	$ 0.00	100%	62
Health	Servers	Server - ENERGY STAR	ENERGY STAR Server	Standard Server	Per Building SqFt	New	0.01	9	$ 0.00	100%	5
Health	Servers	Server - Standard	Standard Server	Standard Server	Per Building SqFt	Existing	-	9	$ -	100%	-
Health	Servers	Server - Standard	Standard Server	Standard Server	Per Building SqFt	New	-	9	$ -	100%	-
Health	Space Heat	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	Existing	14,118.42	5	$ 8,259.02	18%	-
Health	Space Heat	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	New	22,143.42	5	$ 5,556.34	18%	-
Health	Space Heat	Direct Digital Control System-	DDC Retrofit - EMS Upgrade	Pneumatic	Per Building	Existing	21,177.63	5	$ 9,587.67	3%	-
Health	Space Heat	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	Existing	488.92	20	$ 477.04	76%	-
Health	Space Heat	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	New	488.92	20	$ 477.04	76%	-
Health	Space Heat	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	Existing	217.30	20	$ 60.58	62%	30
Health	Space Heat	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	New	217.30	20	$ 60.58	62%	2
Health	Space Heat	Duct Repair And Sealing	Reduction In Duct Losses to 5%	No Repair or Sealing, 15% duct losses	Per Building SqFt	Existing	0.12	18	$ 0.24	38%	-
Health	Space Heat	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	Existing	6,353.29	10	$ 5,450.00	52%	-
Health	Space Heat	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	New	9,964.54	10	$ 5,450.00	52%	-
Health	Space Heat	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	Existing	0.39	30	$ 10.13	75%	-
Health	Space Heat	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	New	0.61	30	$ 10.13	75%	-
Health	Space Heat	Infiltration Control	Weather-Stripping	Standard Practice	Per Window SqFt	Existing	3.66	13	$ 0.39	9%	77
Health	Space Heat	Insulation - Duct	New Duct Insulation (R-8) (Unconditioned	No Insulation	Per Surface Area of Duct	Existing	2.08	20	$ 2.61	15%	-

Health	Space Heat	Insulation - Floor	R-30	Average Existing Insulation (R-10)	Per Floor Area SqFt	Existing	0.48	25	$ 1.82	29%	-
Health	Space Heat	Insulation - Roof	R-20ci	Average Existing Insulation (R-10)	Per Roof Area SqFt	Existing	0.32	25	$ 1.77	13%	-
Health	Space Heat	Insulation - Wall	R-13+R-7.5ci	Average Existing Insulation (R-10)	Per Wall Area SqFt	Existing	0.97	25	$ 1.84	33%	-
Health	Space Heat	Space Heat - Standard	Standard Space Heat	Standard Space Heat	Per Building SqFt	Existing	-	20	$ -	100%	-
Health	Space Heat	Space Heat - Standard	Standard Space Heat	Standard Space Heat	Per Building SqFt	New	-	20	$ -	100%	-
Health	Space Heat	Thermostat Programmable	Setback Thermostat 5-1-1, 5-2 or 7-day	Manual Thermostat	Per Thermostat	Existing	1,058.88	15	$ 138.50	77%	282
Health	Space Heat	Variable Air-Volume Systems	Install Variable Air-Volume System	Constant Volume System	Per Building SqFt	Existing	0.50	15	$ 1.19	10%	-
Health	Space Heat	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	Existing	2.01	25	$ 3.67	53%	-
Health	Space Heat	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	New	2.01	25	$ 3.67	60%	-
Health	Space Heat	Window - Metal Framing	U-Value = 0.55 (Code Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	2.10	25	$ 27.83	10%	-
Health	Space Heat	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	Existing	1.29	25	$ 2.08	12%	-
Health	Space Heat	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	New	1.29	25	$ 2.08	14%	-
Health	Space Heat	Window - Non-Metal Framing	U-Value = 0.35 (Code Non-Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	6.43	25	$ 42.42	12%	-
Health	Vending	Vending Machine - Controller	Refrigerated Vending Machine Controller	No Controls	Per Vending Machine	Existing	1,394.81	3	$ 238.00	25%	102
Health	Vending	Vending Machine - Controller	Refrigerated Vending Machine Controller	No Controls	Per Vending Machine	New	1,394.81	3	$ 238.00	25%	5
Health	Vending	Vending Machine - ENERGY STAR	ENERGY STAR Vending Machine	Standard Vending Machine	Per Building SqFt	Existing	0.04	10	$ 0.01	100%	253
Health	Vending	Vending Machine - ENERGY STAR	ENERGY STAR Vending Machine	Standard Vending Machine	Per Building SqFt	New	0.04	10	$ 0.01	100%	22
Health	Vending	Vending Machine - Standard	Standard Vending Machine	Standard Vending Machine	Per Building SqFt	Existing	-	10	$ -	100%	-
Health	Vending	Vending Machine - Standard	Standard Vending Machine	Standard Vending Machine	Per Building SqFt	New	-	10	$ -	100%	-
Health	Water Heat	Clothes Washer	Commercial Ozonating Clothes Washer	Standard Commercial Clothes Washer	Per Clothes Washer	Existing	1,425.61	10	$ 5,944.20	14%	-
Health	Water Heat	Clothes Washer	Commercial Ozonating Clothes Washer	Standard Commercial Clothes Washer	Per Clothes Washer	New	1,425.61	10	$ 5,944.20	14%	-
Health	Water Heat	Clothes Washer	Residential Grade, Clothes Washer Enhanced	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	2,371.84	11	$ 789.72	33%	156
Health	Water Heat	Clothes Washer	Residential Grade, Clothes Washer Enhanced	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	2,371.84	11	$ 789.72	33%	8
Health	Water Heat	Clothes Washer	Residential Grade, Clothes Washer CEE Tier 2	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	1,707.40	11	$ 391.57	31%	105
Health	Water Heat	Clothes Washer	Residential Grade, Clothes Washer CEE Tier 2	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	1,707.40	11	$ 391.57	31%	5
Health	Water Heat	Clothes Washer	Residential Grade, Clothes Washer CEE Tier 3	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	1,898.12	11	$ 565.12	29%	114
Health	Water Heat	Clothes Washer	Residential Grade, Clothes Washer CEE Tier 3	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	1,898.12	11	$ 565.12	29%	6
Health	Water Heat	Clothes Washer	Residential Grade, Clothes Washer ENERGY	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	1,478.53	11	$ 134.79	28%	-
Health	Water Heat	Clothes Washer	Residential Grade, Clothes Washer ENERGY	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	1,478.53	11	$ 134.79	28%	-
Health	Water Heat	Desuperheaters - Air Conditioner	Add-on Desuperheaters to Air Conditioner	No Desuperheater	Per Desuperheater	Existing	314.08	10	$ 600.00	28%	-
Health	Water Heat	Desuperheaters - Air Source Heat	Add-on Desuperheaters to Air Source Heat	No Desuperheater	Per Desuperheater	Existing	1,963.65	10	$ 600.00	2%	27
Health	Water Heat	Desuperheaters - Ground Source Heat	Add-on Desuperheaters to Ground Source Heat	No Desuperheater	Per Desuperheater	Existing	1,963.65	10	$ 600.00	0%	1
Health	Water Heat	Dishwasher	Dishwasher Enhanced Efficiency (EF 1.00) 200	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	Existing	155.00	11	$ 1,067.33	81%	-
Health	Water Heat	Dishwasher	Dishwasher Enhanced Efficiency (EF 1.00) 200	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	New	155.00	11	$ 1,067.33	81%	-
Health	Water Heat	Dishwasher	ENERGY STAR 295 kWh/yr and 4.25	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	Existing	60.00	11	$ 272.18	68%	-
Health	Water Heat	Dishwasher	ENERGY STAR 295 kWh/yr and 4.25	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	New	60.00	11	$ 272.18	68%	-
Health	Water Heat	Dishwasher	High Temp Commercial High Efficiency	Standard High Temp Commercial Dishwasher	Per Dishwasher	Existing	3,264.39	14	$ 442.50	8%	35
Health	Water Heat	Dishwasher	High Temp Commercial High Efficiency	Standard High Temp Commercial Dishwasher	Per Dishwasher	New	3,264.39	14	$ 442.50	8%	2
Health	Water Heat	Dishwasher	Low-Temp Commercial Dishwasher (Includes	Standard High Temp Commercial Dishwasher	Per Dishwasher	Existing	5,112.51	14	$ 307.50	9%	71
Health	Water Heat	Dishwasher	Low-Temp Commercial Dishwasher (Includes	Standard High Temp Commercial Dishwasher	Per Dishwasher	New	5,112.51	14	$ 307.50	9%	3
Health	Water Heat	Drainwater Heat Recovery	Install Power-Pipe or GFX System	No GFX or Power-Pipe System	Per 40 Gal Water Heater	Existing	1,963.65	40	$ 833.35	60%	929
Health	Water Heat	Drainwater Heat Recovery	Install Power-Pipe or GFX System	No GFX or Power-Pipe System	Per 40 Gal Water Heater	New	1,963.65	40	$ 666.68	83%	62
Health	Water Heat	Faucet Aerator	0.5 GPM	Existing Aerator (3.0 GPM)	Per Aerator	Existing	70.13	10	$ 4.76	67%	479
Health	Water Heat	Low-Flow Showerheads	2.0 GPM	2.5 GPM Showerhead (Federal Code)	Per Showerhead	Existing	103.09	10	$ 8.29	21%	119
Health	Water Heat	Low-Flow Showerheads	2.0 GPM	2.5 GPM Showerhead (Federal Code)	Per Showerhead	New	103.09	10	$ 8.29	21%	6
Health	Water Heat	Low-Flow Showerheads	2.5 GPM Showerhead (Federal Code)	Existing Showerhead (4.5 GPM)	Per Showerhead	Existing	229.09	10	$ 31.27	5%	61
Health	Water Heat	Low-Flow Spray Heads	1.0 GPM	1.6 GPM (Code)	Per Spray Head	Existing	485.60	5	$ 39.09	13%	14
Health	Water Heat	Low-Flow Spray Heads	1.0 GPM	1.6 GPM (Code)	Per Spray Head	New	485.60	5	$ 39.09	13%	1
Health	Water Heat	Low-Flow Spray Heads	1.6 GPM (Code)	Existing Spray Head (2.5 GPM)	Per Spray Head	Existing	728.40	5	$ 30.00	8%	16
Health	Water Heat	Ultrasonic Faucet Control	Install Ultrasonic Faucet Control	No Faucet Control	Per Faucet	Existing	21.04	10	$ 196.25	86%	-
Health	Water Heat	Ultrasonic Faucet Control	Install Ultrasonic Faucet Control	No Faucet Control	Per Faucet	New	21.04	10	$ 196.25	86%	-
Health	Water Heat	Water Heater - Pipe Insulation	Hot Water Pipe Insulation (R-4)	No Pipe Insulation	Per Linear Foot	Existing	29.45	13	$ 2.10	56%	45
Health	Water Heat	Water Heater - Tank Blanket/Insulation	Install Insulation (R-11)	No Tank Insulation	Per Water Heater	Existing	392.73	7	$ 62.60	5%	13
Health	Water Heat	Water Heater - Thermostat Setback	Install Programmable Thermostat (120 Degrees)	No Thermostat Setback (130 Degrees)	Per Water Heater	Existing	1,335.81	4	$ 102.34	75%	686
Health	Water Heat	Water Heating - ENERGY STAR	ENERGY STAR Heat Pump Water Heater EF =	Standard Water Heater EF = 0.92	Per Building SqFt	Existing	0.90	13	$ 0.42	75%	1,831
Health	Water Heat	Water Heating - ENERGY STAR	ENERGY STAR Heat Pump Water Heater EF =	Standard Water Heater EF = 0.92	Per Building SqFt	New	0.90	13	$ 0.42	75%	203
Health	Water Heat	Water Heating - Storage 2015 Standard	2015 Standard Water Heater EF = 0.95	Standard Water Heater EF = 0.92	Per Building SqFt	Existing	0.04	13	$ 0.02	100%	30
Health	Water Heat	Water Heating - Storage 2015 Standard	2015 Standard Water Heater EF = 0.95	Standard Water Heater EF = 0.92	Per Building SqFt	New	0.04	13	$ 0.02	100%	3
Health	Water Heat	Water Heating - Storage Below	Below Standard Water Heater EF = 0.86	Below Standard Water Heater EF = 0.86	Per Building SqFt	Existing	-	13	$ -	100%	-
Health	Water Heat	Water Heating - Storage Below	Below Standard Water Heater EF = 0.86	Below Standard Water Heater EF = 0.86	Per Building SqFt	New	-	13	$ -	100%	-
Health	Water Heat	Water Heating - Storage Standard	Standard Water Heater EF = 0.92	Standard Water Heater EF = 0.92	Per Building SqFt	Existing	-	13	$ -	100%	-
Health	Water Heat	Water Heating - Storage Standard	Standard Water Heater EF = 0.92	Standard Water Heater EF = 0.92	Per Building SqFt	New	-	13	$ -	100%	-
Health	Water Heat	Water Heating - Tankless	Tankless Water Heater EF = 0.95	Standard Water Heater EF = 0.92	Per Building SqFt	Existing	0.10	13	$ 0.09	0%	-

Health	Water Heat	Water Heating - Tankless	Tankless Water Heater EF = 0.95	Standard Water Heater EF = 0.92	Per Building SqFt	New	0.10	13	$ 0.09	0%	-
Large Office	Computers	Computer - ENERGY STAR	ENERGY STAR Computer	Standard Computer	Per Building SqFt	Existing	0.32	4	$ 0.07	100%	8,204
Large Office	Computers	Computer - ENERGY STAR	ENERGY STAR Computer	Standard Computer	Per Building SqFt	New	0.32	4	$ 0.07	100%	493
Large Office	Computers	Computer - Standard	Standard Computer	Standard Computer	Per Building SqFt	Existing	-	4	$ -	100%	-
Large Office	Computers	Computer - Standard	Standard Computer	Standard Computer	Per Building SqFt	New	-	4	$ -	100%	-
Large Office	Computers	Office Computer Network Energy	Office Computer Network Energy Management	No Network Management	Per Computer	Existing	88.00	5	$ 12.00	62%	3,421
Large Office	Computers	Office Computer Network Energy	Office Computer Network Energy Management	No Network Management	Per Computer	New	88.00	5	$ 12.00	62%	197
Large Office	Cooling	Chiller - Below Code	Below Standard Chiller - 0.74 kW/ton	Below Standard Chiller - 0.74 kW/ton	Per Building SqFt	Existing	-	20	$ -	100%	-
Large Office	Cooling	Chiller - Below Code	Below Standard Chiller - 0.74 kW/ton	Below Standard Chiller - 0.74 kW/ton	Per Building SqFt	New	-	20	$ -	100%	-
Large Office	Cooling	Chiller - High Efficiency	High Efficiency Chiller - 0.63 kW/ton	Standard Chiller - 0.68 kW/ton	Per Building SqFt	Existing	0.15	20	$ 0.03	100%	-
Large Office	Cooling	Chiller - High Efficiency	High Efficiency Chiller - 0.63 kW/ton	Standard Chiller - 0.68 kW/ton	Per Building SqFt	New	0.10	20	$ 0.03	100%	-
Large Office	Cooling	Chiller - Pipe Insulation	Above Code (3" of Insulation, Approximately R-	Code (1.5" of Insulation, Approximately R-6)	Per Linear Foot of Insulation	Existing	6.33	15	$ 4.11	58%	208
Large Office	Cooling	Chiller - Pipe Insulation	Above Code (3" of Insulation, Approximately R-	Code (1.5" of Insulation, Approximately R-6)	Per Linear Foot of Insulation	New	3.94	15	$ 4.11	85%	11
Large Office	Cooling	Chiller - Pipe Insulation	Code (1.5" of Insulation, Approximately R-6)	No Insulation	Per Linear Foot of Insulation	Existing	6.33	15	$ 4.11	58%	206
Large Office	Cooling	Chiller - Premium Efficiency	Premium Efficiency Chiller - 0.58 kW/ton	Standard Chiller - 0.68 kW/ton	Per Building SqFt	Existing	0.31	20	$ 0.12	100%	-
Large Office	Cooling	Chiller - Premium Efficiency	Premium Efficiency Chiller - 0.58 kW/ton	Standard Chiller - 0.68 kW/ton	Per Building SqFt	New	0.19	20	$ 0.12	100%	-
Large Office	Cooling	Chiller - Standard	Standard Chiller - 0.68 kW/ton	Standard Chiller - 0.68 kW/ton	Per Building SqFt	Existing	-	20	$ -	100%	-
Large Office	Cooling	Chiller - Standard	Standard Chiller - 0.68 kW/ton	Standard Chiller - 0.68 kW/ton	Per Building SqFt	New	-	20	$ -	100%	-
Large Office	Cooling	Chiller - VSD Retrofit	Centrifugal Chiller - VSD Remodel for Existing	Constant Speed Motor	Per Ton	Existing	45.84	10	$ 70.41	38%	-
Large Office	Cooling	Chiller - Water Piping Loop with VSD	VSD for Secondary Chilled Water Loop	Primary Loop Only w/ Constant Speed Pump	Per Ton	Existing	69.31	10	$ 212.34	62%	-
Large Office	Cooling	Chiller - Water Reset	Install Chilled Water Reset	No Chilled Water Reset	Per Control Point	Existing	105.53	10	$ 681.34	90%	-
Large Office	Cooling	Chiller Air-Cooled	Chiller Air Cooled with Condenser 10.0 EER	Standard 9.562 EER	Per Ton	Existing	40.15	20	$ 112.70	7%	-
Large Office	Cooling	Chiller Air-Cooled	Chiller Air Cooled with Condenser 10.0 EER	Standard 9.562 EER	Per Ton	New	24.96	20	$ 112.70	7%	-
Large Office	Cooling	Commissioning	Commissioning/QI - New Installation	No Commissioning	Per SqFt	New	0.17	7	$ 1.16	95%	-
Large Office	Cooling	Cool Roofs	ENERGY STAR Cool Roof - Reflect Material	Standard Roof	Per Roof Area SqFt	Existing	0.21	15	$ 0.68	93%	-
Large Office	Cooling	Cool Roofs	ENERGY STAR Cool Roof - Reflect Material	Standard Roof	Per Roof Area SqFt	New	0.13	15	$ 0.68	93%	-
Large Office	Cooling	Demand Controlled Ventilation	Demand Controlled Ventilation - DCV	Constant Ventilation	Per Sensor	Existing	52.77	15	$ 450.00	26%	266
Large Office	Cooling	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	Existing	26,974.24	5	$24,507.39	33%	-
Large Office	Cooling	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	New	16,764.06	5	$24,507.39	33%	-
Large Office	Cooling	Direct Digital Control System-	DDC Retrofit - EMS Upgrade	Pneumatic	Per Building	Existing	40,461.37	5	$44,782.47	6%	-
Large Office	Cooling	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	Existing	17.72	20	$ 477.04	76%	-
Large Office	Cooling	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	New	17.72	20	$ 477.04	76%	-
Large Office	Cooling	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	Existing	7.88	20	$ 60.58	62%	2
Large Office	Cooling	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	New	7.88	20	$ 60.58	62%	0
Large Office	Cooling	Duct Repair And Sealing	Reduction In Duct Losses to 5%	No Repair or Sealing, 15% duct losses	Per Building SqFt	Existing	0.06	18	$ 0.24	1%	-
Large Office	Cooling	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	Existing	0.21	30	$ 10.13	75%	-
Large Office	Cooling	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	New	0.13	30	$ 10.13	75%	-
Large Office	Cooling	Infiltration Control	Weather-Stripping	Standard Practice	Per Window SqFt	Existing	1.17	13	$ 0.39	9%	64
Large Office	Cooling	Insulation - Duct	New Duct Insulation (R-8) (Unconditioned	No Insulation	Per Surface Area of Duct	Existing	1.13	20	$ 2.61	0%	2
Large Office	Cooling	Insulation - Roof	R-20ci	Average Existing Insulation (R-10)	Per Roof Area SqFt	Existing	0.01	25	$ 1.77	13%	-
Large Office	Cooling	Insulation - Wall	R-13+R-7.5ci	Average Existing Insulation (R-10)	Per Wall Area SqFt	Existing	0.04	25	$ 1.84	33%	-
Large Office	Cooling	Retro-Commissioning	Retro-Commissioning	No Retro-Commissioning	Per SqFt	Existing	0.34	7	$ 0.30	76%	2,837
Large Office	Cooling	Tune-up - Chiller	Chiller Maintenance (Tune-up)	Unmaintained Chiller	Per SqFt	Existing	0.21	3	$ 0.16	16%	-
Large Office	Cooling	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	Existing	0.07	25	$ 3.67	62%	-
Large Office	Cooling	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	New	0.07	25	$ 3.67	69%	-
Large Office	Cooling	Window - Metal Framing	U-Value = 0.55 (Code Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	0.08	25	$ 27.83	12%	-
Large Office	Cooling	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	Existing	0.05	25	$ 2.08	1%	-
Large Office	Cooling	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	New	0.05	25	$ 2.08	1%	-
Large Office	Cooling	Window - Non-Metal Framing	U-Value = 0.35 (Code Non-Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	0.23	25	$ 42.42	1%	-
Large Office	Cooling DX	Advanced Control Technology	Advanced Control Technologies for Packaged	Standard Controls	Per 5 Tons of Cooling	Existing	950.12	15	$ 4,920.00	15%	-
Large Office	Cooling DX	Commissioning	Commissioning/QI - New Installation	No Commissioning	Per SqFt	New	0.24	7	$ 1.16	90%	-
Large Office	Cooling DX	Cool Roofs	ENERGY STAR Cool Roof - Reflect Material	Standard Roof	Per Roof Area SqFt	Existing	0.26	15	$ 0.68	93%	-
Large Office	Cooling DX	Cool Roofs	ENERGY STAR Cool Roof - Reflect Material	Standard Roof	Per Roof Area SqFt	New	0.18	15	$ 0.68	93%	-
Large Office	Cooling DX	Demand Controlled Ventilation	Demand Controlled Ventilation - DCV	Constant Ventilation	Per Sensor	Existing	64.34	15	$ 450.00	26%	531
Large Office	Cooling DX	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	Existing	32,888.82	5	$13,562.29	33%	1,292
Large Office	Cooling DX	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	New	23,191.73	5	$24,507.39	33%	-
Large Office	Cooling DX	Direct Digital Control System-	DDC Retrofit - EMS Upgrade	Pneumatic	Per Building	Existing	49,333.22	5	$44,782.47	6%	-
Large Office	Cooling DX	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	Existing	24.79	20	$ 477.04	76%	-
Large Office	Cooling DX	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	New	24.79	20	$ 477.04	76%	-
Large Office	Cooling DX	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	Existing	11.02	20	$ 60.58	62%	4
Large Office	Cooling DX	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	New	11.02	20	$ 60.58	62%	0
Large Office	Cooling DX	Duct Repair And Sealing	Reduction In Duct Losses to 5%	No Repair or Sealing, 15% duct losses	Per Building SqFt	Existing	0.08	18	$ 0.24	38%	431
Large Office	Cooling DX	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	Existing	0.26	30	$ 10.13	75%	-

Large Office	Cooling DX	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	New	0.18	30	$	10.13	75%	-
Large Office	Cooling DX	Infiltration Control	Weather-Stripping	Standard Practice	Per Window SqFt	Existing	1.43	13	$	0.39	9%	129
Large Office	Cooling DX	Insulation - Duct	New Duct Insulation (R-8) (Unconditioned	No Insulation	Per Surface Area of Duct	Existing	1.38	20	$	2.61	15%	303
Large Office	Cooling DX	Insulation - Floor	R-30	Average Existing Insulation (R-10)	Per Floor Area SqFt	Existing	0.02	25	$	1.82	29%	-
Large Office	Cooling DX	Insulation - Roof	R-20ci	Average Existing Insulation (R-10)	Per Roof Area SqFt	Existing	0.02	25	$	1.77	13%	-
Large Office	Cooling DX	Insulation - Wall	R-13+R-7.5ci	Average Existing Insulation (R-10)	Per Wall Area SqFt	Existing	0.05	25	$	1.84	33%	-
Large Office	Cooling DX	Package Terminal - Air Conditioner	High Efficiency Package Terminal Air	Federal Standard Equipment	Per Package Terminal AC	Existing	55.42	9	$	88.00	7%	-
Large Office	Cooling DX	Package Terminal - Air Conditioner	High Efficiency Package Terminal Air	Federal Standard Equipment	Per Package Terminal AC	New	55.42	9	$	88.00	7%	-
Large Office	Cooling DX	Retro-Commissioning	Retro-Commissioning	No Retro-Commissioning	Per SqFt	Existing	0.41	7	$	0.30	90%	6,890
Large Office	Cooling DX	Rooftop DX Unit - Below Standard	Below Standard 9.5 EER, Air-Cooled = 135 and	Below Standard 9.5 EER, Air-Cooled = 135 and	Per Building SqFt	Existing	-	15	$	-	100%	-
Large Office	Cooling DX	Rooftop DX Unit - Below Standard	Below Standard 9.5 EER, Air-Cooled = 135 and	Below Standard 9.5 EER, Air-Cooled = 135 and	Per Building SqFt	New	-	15	$	-	100%	-
Large Office	Cooling DX	Rooftop DX Unit - CEE Tier 1	CEE Tier 1 11.5 EER, Air-Cooled = 135 and <	Federal Standard 11.0 EER, Air-Cooled = 135	Per Building SqFt	Existing	0.11	15	$	0.06	100%	-
Large Office	Cooling DX	Rooftop DX Unit - CEE Tier 1	CEE Tier 1 11.5 EER, Air-Cooled = 135 and <	Federal Standard 11.0 EER, Air-Cooled = 135	Per Building SqFt	New	0.08	15	$	0.06	100%	-
Large Office	Cooling DX	Rooftop DX Unit - CEE Tier 2	CEE Tier 2 12.0 EER, Air-Cooled = 135 and <	Federal Standard 11.0 EER, Air-Cooled = 135	Per Building SqFt	Existing	0.22	15	$	0.09	100%	1,648
Large Office	Cooling DX	Rooftop DX Unit - CEE Tier 2	CEE Tier 2 12.0 EER, Air-Cooled = 135 and <	Federal Standard 11.0 EER, Air-Cooled = 135	Per Building SqFt	New	0.15	15	$	0.09	100%	176
Large Office	Cooling DX	Rooftop DX Unit - Standard	Federal Standard 11.0 EER, Air-Cooled = 135	Federal Standard 11.0 EER, Air-Cooled = 135	Per Building SqFt	Existing	-	15	$	-	100%	-
Large Office	Cooling DX	Rooftop DX Unit - Standard	Federal Standard 11.0 EER, Air-Cooled = 135	Federal Standard 11.0 EER, Air-Cooled = 135	Per Building SqFt	New	-	15	$	-	100%	-
Large Office	Cooling DX	Thermostat Programmable	Setback Thermostat 5-1-1, 5-2 or 7-day	Manual Thermostat	Per Thermostat	Existing	986.66	15	$	138.50	80%	1,190
Large Office	Cooling DX	Tune-up - Air Conditioner	Air Conditioner Maintenance (Tune-up)	Unmaintained Air Conditioner	Per Ton	Existing	111.78	3	$	48.00	48%	-
Large Office	Cooling DX	Variable Air-Volume Systems	Install Variable Air-Volume System	Constant Volume System	Per Building SqFt	Existing	0.77	15	$	1.19	10%	1,443
Large Office	Cooling DX	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	Existing	0.10	25	$	3.67	62%	-
Large Office	Cooling DX	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	New	0.10	25	$	3.67	69%	-
Large Office	Cooling DX	Window - Metal Framing	U-Value = 0.55 (Code Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	0.11	25	$	27.83	12%	-
Large Office	Cooling DX	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	Existing	0.07	25	$	2.08	1%	-
Large Office	Cooling DX	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	New	0.07	25	$	2.08	1%	-
Large Office	Cooling DX	Window - Non-Metal Framing	U-Value = 0.35 (Code Non-Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	0.33	25	$	42.42	1%	-
Large Office	Cooling DX	Window Air Conditioner	CEE TIER 1 = 11.3 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Window AC	Existing	88.04	9	$	406.80	32%	-
Large Office	Cooling DX	Window Air Conditioner	CEE TIER 1 = 11.3 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Window AC	New	88.04	9	$	406.80	32%	-
Large Office	Cooling DX	Window Air Conditioner	CEE TIER 2 = 11.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Window AC	Existing	112.42	9	$	771.98	33%	-
Large Office	Cooling DX	Window Air Conditioner	CEE TIER 2 = 11.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Window AC	New	112.42	9	$	771.98	33%	-
Large Office	Cooling DX	Window Air Conditioner	ENERGY STAR = 10.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Window AC	Existing	61.41	9	$	41.62	26%	5
Large Office	Cooling DX	Window Air Conditioner	ENERGY STAR = 10.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Window AC	New	61.41	9	$	41.62	26%	0
Large Office	Ext Lighting	Exterior Lighting - Standard	Standard Exterior Lighting	Standard Exterior Lighting	Per Building SqFt	Existing	-	14	$	-	100%	-
Large Office	Ext Lighting	Exterior Lighting - Standard	Standard Exterior Lighting	Standard Exterior Lighting	Per Building SqFt	New	-	14	$	-	100%	-
Large Office	Ext Lighting	Lighting - LED Lighting Package	Exterior LED Lighting Package	Standard Lighting	Per Lighting Package	Existing	279.93	13	$	1,957.98	66%	-
Large Office	Ext Lighting	Lighting - High Intensity Discharge	High Efficiency Metal Halide Lighting Packages	Standard HID Lighting	Per Lighting Package	Existing	120.61	5	$	87.61	62%	-
Large Office	Ext Lighting	Lighting - Induction Lighting Package	Induction Lighting Package	Standard HID Lighting	Per Lighting Package	Existing	342.88	13	$	479.14	67%	-
Large Office	Fax	Fax - ENERGY STAR	ENERGY STAR Fax	Standard Fax	Per Building SqFt	Existing	0.00	6	$	0.00	100%	98
Large Office	Fax	Fax - ENERGY STAR	ENERGY STAR Fax	Standard Fax	Per Building SqFt	New	0.00	6	$	0.00	100%	7
Large Office	Fax	Fax - Standard	Standard Fax	Standard Fax	Per Building SqFt	Existing	-	6	$	-	100%	-
Large Office	Fax	Fax - Standard	Standard Fax	Standard Fax	Per Building SqFt	New	-	6	$	-	100%	-
Large Office	Flat Screen	Monitor - ENERGY STAR Flat Screen	ENERGY STAR Flat Screen Monitor	Standard Flat Screen Monitor	Per Building SqFt	Existing	0.00	4	$	0.00	100%	-
Large Office	Flat Screen	Monitor - ENERGY STAR Flat Screen	ENERGY STAR Flat Screen Monitor	Standard Flat Screen Monitor	Per Building SqFt	New	0.00	4	$	0.00	100%	-
Large Office	Flat Screen	Monitor - Standard Flat Screen	Standard Flat Screen Monitor	Standard Flat Screen Monitor	Per Building SqFt	Existing	-	4	$	-	100%	-
Large Office	Flat Screen	Monitor - Standard Flat Screen	Standard Flat Screen Monitor	Standard Flat Screen Monitor	Per Building SqFt	New	-	4	$	-	100%	-
Large Office	Freezers	Freezer - 2014 Federal Standard	2014 Standard Freezer	Standard Freezer	Per Building SqFt	Existing	0.00	12	$	0.00	100%	-
Large Office	Freezers	Freezer - 2014 Federal Standard	2014 Standard Freezer	Standard Freezer	Per Building SqFt	New	0.00	12	$	0.00	100%	-
Large Office	Freezers	Freezer - Below Standard	Below Standard Freezer	Below Standard Freezer	Per Building SqFt	Existing	-	12	$	-	100%	-
Large Office	Freezers	Freezer - Below Standard	Below Standard Freezer	Below Standard Freezer	Per Building SqFt	New	-	12	$	-	100%	-
Large Office	Freezers	Freezer - ENERGY STAR	ENERGY STAR Freezer	Standard Freezer	Per Building SqFt	Existing	0.00	12	$	0.00	100%	-
Large Office	Freezers	Freezer - ENERGY STAR	ENERGY STAR Freezer	Standard Freezer	Per Building SqFt	New	0.00	12	$	0.00	100%	-
Large Office	Freezers	Freezer - Standard	Standard Freezer	Standard Freezer	Per Building SqFt	Existing	-	12	$	-	100%	-
Large Office	Freezers	Freezer - Standard	Standard Freezer	Standard Freezer	Per Building SqFt	New	-	12	$	-	100%	-
Large Office	HVAC Aux	Cooling Tower-Two-Speed Fan Motor	Cooling Tower-Two-Speed Fan Motor	Cooling Tower-One-Speed Fan Motor	Per Chiller Ton	Existing	82.11	15	$	2.35	33%	1,957
Large Office	HVAC Aux	Cooling Tower-VSD Fan Control	Variable-Speed Tower Fans Replace Two-	Cooling Tower-One-Speed Fan Motor	Per Chiller Ton	Existing	23.46	13	$	19.00	71%	48
Large Office	HVAC Aux	Cooling Tower-VSD Fan Control	Variable-Speed Tower Fans Replace Two-	Cooling Tower-One-Speed Fan Motor	Per Chiller Ton	New	14.94	13	$	19.00	11%	-
Large Office	HVAC Aux	ECM Motor	Central Air Conditioner ECM Fan	Standard Motor	Per ECM	Existing	651.82	15	$	200.00	42%	866
Large Office	HVAC Aux	ECM Motor	Central Air Conditioner ECM Fan	Standard Motor	Per ECM	New	415.01	15	$	200.00	61%	47
Large Office	HVAC Aux	ECM Motor	Electric Furnace ECM Fan	Standard Motor	Per ECM	Existing	651.82	15	$	200.00	10%	203
Large Office	HVAC Aux	ECM Motor	Electric Furnace ECM Fan	Standard Motor	Per ECM	New	415.01	15	$	200.00	14%	11
Large Office	HVAC Aux	ECM Motor	Gas Furnace ECM Fan (CEE Air Handling Ratio	Standard Motor	Per ECM	Existing	651.82	15	$	200.00	49%	1,002
Large Office	HVAC Aux	ECM Motor	Gas Furnace ECM Fan (CEE Air Handling Ratio	Standard Motor	Per ECM	New	415.01	15	$	200.00	71%	54
Large Office	HVAC Aux	HVAC Auxillary - Standard Equipment	Standard HVAC Auxillary	Standard HVAC Auxillary	Per Building SqFt	Existing	-	15	$	-	100%	-

Large Office	HVAC Aux	HVAC Auxillary - Standard Equipment	Standard HVAC Auxillary	Standard HVAC Auxillary	Per Building SqFt	New	-	15	$ -	100%	-
Large Office	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 1-15 HP, 1200-3600	NEMA Qualifying Standard Motor	Per Motor	Existing	75.68	15	$ 274.24	67%	-
Large Office	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 1-15 HP, 1200-3600	NEMA Qualifying Standard Motor	Per Motor	New	75.68	15	$ 274.24	67%	-
Large Office	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 125-200 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	Existing	2,066.69	15	$ 2,036.86	0%	1
Large Office	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 125-200 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	New	518.91	15	$ 2,036.86	9%	-
Large Office	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 20-40 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	Existing	518.91	15	$ 678.39	9%	-
Large Office	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 20-40 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	New	1,143.16	15	$ 678.39	1%	0
Large Office	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 250-500 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	Existing	5,959.61	15	$ 4,197.32	0%	0
Large Office	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 250-500 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	New	2,066.69	15	$ 4,197.32	0%	-
Large Office	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 50-100 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	Existing	1,143.16	15	$ 1,375.63	1%	2
Large Office	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 50-100 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	New	5,959.61	15	$ 1,375.63	0%	0
Large Office	HVAC Aux	Variable Air-Volume Systems	Install Variable Air-Volume System	Constant Volume System	Per Building SqFt	Existing	0.16	15	$ 1.19	10%	-
Large Office	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 1-15 HP	Constant Speed Motor	Per Building	Existing	34,511.46	15	$ 7,638.81	67%	5,634
Large Office	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 1-15 HP	Constant Speed Motor	Per Building	New	21,973.23	15	$ 7,638.81	67%	209
Large Office	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 125-200 HP	Constant Speed Motor	Per Building	Existing	34,511.46	15	$ 3,587.98	1%	51
Large Office	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 125-200 HP	Constant Speed Motor	Per Building	New	21,973.23	15	$ 3,587.98	1%	2
Large Office	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 20-40 HP	Constant Speed Motor	Per Building	Existing	34,511.46	15	$ 4,427.20	4%	363
Large Office	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 20-40 HP	Constant Speed Motor	Per Building	New	21,973.23	15	$ 4,427.20	4%	13
Large Office	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 250-500 HP	Constant Speed Motor	Per Building	Existing	34,511.46	15	$ 2,722.87	0%	19
Large Office	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 250-500 HP	Constant Speed Motor	Per Building	New	21,973.23	15	$ 2,722.87	0%	1
Large Office	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 50-100 HP	Constant Speed Motor	Per Building	Existing	34,511.46	15	$ 5,454.32	1%	115
Large Office	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 50-100 HP	Constant Speed Motor	Per Building	New	21,973.23	15	$ 5,454.32	1%	4
Large Office	Heat Pump	Commissioning	Commissioning/QI - New Installation	No Commissioning	Per SqFt	New	0.90	7	$ 1.16	90%	-
Large Office	Heat Pump	Cool Roofs	ENERGY STAR Cool Roof - Reflect Material	Standard Roof	Per Roof Area SqFt	Existing	0.23	15	$ 0.68	93%	-
Large Office	Heat Pump	Cool Roofs	ENERGY STAR Cool Roof - Reflect Material	Standard Roof	Per Roof Area SqFt	New	0.13	15	$ 0.68	93%	-
Large Office	Heat Pump	Demand Controlled Ventilation	Demand Controlled Ventilation - DCV	Constant Ventilation	Per Sensor	Existing	1,338.08	15	$ 450.00	43%	-
Large Office	Heat Pump	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	Existing	97,718.37	5	$27,124.58	33%	-
Large Office	Heat Pump	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	New	88,312.80	5	$27,124.58	33%	-
Large Office	Heat Pump	Direct Digital Control System-	DDC Retrofit - EMS Upgrade	Pneumatic	Per Building	Existing	#########	5	$89,564.95	6%	-
Large Office	Heat Pump	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	Existing	296.41	20	$ 477.04	76%	-
Large Office	Heat Pump	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	New	296.41	20	$ 477.04	76%	-
Large Office	Heat Pump	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	Existing	131.74	20	$ 60.58	62%	-
Large Office	Heat Pump	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	New	131.74	20	$ 60.58	62%	-
Large Office	Heat Pump	Duct Repair And Sealing	Reduction In Duct Losses to 5%	No Repair or Sealing, 15% duct losses	Per Building SqFt	Existing	0.23	18	$ 0.24	38%	-
Large Office	Heat Pump	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	Existing	0.23	30	$ 10.13	75%	-
Large Office	Heat Pump	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	New	0.13	30	$ 10.13	75%	-
Large Office	Heat Pump	Heat Pump - Below Standard	Below Standard Air Source Heat Pump 9.0 EER	Below Standard Air Source Heat Pump 9.0 EER	Per Building SqFt	Existing	-	15	$ -	100%	-
Large Office	Heat Pump	Heat Pump - Below Standard	Below Standard Air Source Heat Pump 9.0 EER	Below Standard Air Source Heat Pump 9.0 EER	Per Building SqFt	New	-	15	$ -	100%	-
Large Office	Heat Pump	Heat Pump - ENERGY STAR	ENERGY STAR Ground Source Heat Pump	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	Existing	1.34	15	$ 13.91	5%	-
Large Office	Heat Pump	Heat Pump - ENERGY STAR	ENERGY STAR Ground Source Heat Pump	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	New	1.16	15	$ 8.94	5%	-
Large Office	Heat Pump	Heat Pump - High Efficiency	High Efficiency Air Source Heat Pump 11.1 EER	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	Existing	0.26	15	$ 0.12	100%	-
Large Office	Heat Pump	Heat Pump - High Efficiency	High Efficiency Air Source Heat Pump 11.1 EER	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	New	0.23	15	$ 0.12	100%	-
Large Office	Heat Pump	Heat Pump - Premium Efficiency	Premium Efficiency Water Source Heat Pump	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	Existing	1.56	15	$ 0.66	5%	-
Large Office	Heat Pump	Heat Pump - Premium Efficiency	Premium Efficiency Water Source Heat Pump	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	New	1.44	15	$ 0.75	5%	-
Large Office	Heat Pump	Heat Pump - Standard	Federal Standard Air Source Heat Pump 10.6	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	Existing	-	15	$ -	100%	-
Large Office	Heat Pump	Heat Pump - Standard	Federal Standard Air Source Heat Pump 10.6	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	New	-	15	$ -	100%	-
Large Office	Heat Pump	Heat Pump - Variable Refrigerant Flow	Variable Refrigerant Flow System (VRF) - Heat	Packaged VAV With Electric Reheat	Per Ton	Existing	1,262.04	15	$ 540.00	33%	-
Large Office	Heat Pump	Heat Pump - Variable Refrigerant Flow	Variable Refrigerant Flow System (VRF) - Heat	Packaged VAV With Electric Reheat	Per Ton	New	1,140.57	15	$ 540.00	81%	-
Large Office	Heat Pump	Infiltration Control	Weather-Stripping	Standard Practice	Per Window SqFt	Existing	8.18	13	$ 0.39	9%	-
Large Office	Heat Pump	Insulation - Duct	New Duct Insulation (R-8) (Unconditioned	No Insulation	Per Surface Area of Duct	Existing	4.09	20	$ 2.61	15%	-
Large Office	Heat Pump	Insulation - Floor	R-30	Average Existing Insulation (R-10)	Per Floor Area SqFt	Existing	0.29	25	$ 1.82	29%	-
Large Office	Heat Pump	Insulation - Roof	R-20ci	Average Existing Insulation (R-10)	Per Roof Area SqFt	Existing	0.19	25	$ 1.77	13%	-
Large Office	Heat Pump	Insulation - Wall	R-13+R-7.5ci	Average Existing Insulation (R-10)	Per Wall Area SqFt	Existing	0.59	25	$ 1.84	33%	-
Large Office	Heat Pump	Package Terminal - Heat Pump	High Efficiency Package Terminal Air	Federal Standard Equipment	Per Ton	Existing	55.42	15	$ 150.01	10%	-
Large Office	Heat Pump	Package Terminal - Heat Pump	High Efficiency Package Terminal Air	Federal Standard Equipment	Per Ton	New	55.42	15	$ 150.01	10%	-
Large Office	Heat Pump	Retro-Commissioning	Retro-Commissioning	No Retro-Commissioning	Per SqFt	Existing	1.22	7	$ 0.30	90%	-
Large Office	Heat Pump	Thermostat Programmable	Setback Thermostat 5-1-1, 5-2 or 7-day	Manual Thermostat	Per Thermostat	Existing	2,931.55	15	$ 138.50	80%	-
Large Office	Heat Pump	Tune-up - Air Source Heat Pump	Air Source Heat Pump Maintenance (Tune-up)	Unmaintained Air Source Heat Pump	Per Ton	Existing	332.12	3	$ 48.00	48%	-
Large Office	Heat Pump	Tune-up - Ground Source Heat Pump	Ground Source Heat Pump Maintenance (Tune-	Unmaintained Ground Source Heat Pump	Per Ton	Existing	332.12	3	$ 48.00	48%	-
Large Office	Heat Pump	Variable Air-Volume Systems	Install Variable Air-Volume System	Constant Volume System	Per Building SqFt	Existing	1.39	15	$ 1.19	10%	-
Large Office	Heat Pump	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	Existing	1.22	25	$ 3.67	62%	-
Large Office	Heat Pump	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	New	1.22	25	$ 3.67	69%	-
Large Office	Heat Pump	Window - Metal Framing	U-Value = 0.55 (Code Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	1.27	25	$ 27.83	12%	-

Large Office	Heat Pump	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	Existing	0.78	25	$ 2.08	1%	-
Large Office	Heat Pump	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	New	0.78	25	$ 2.08	1%	-
Large Office	Heat Pump	Window - Non-Metal Framing	U-Value = 0.35 (Code Non-Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	3.90	25	$ 42.42	1%	-
Large Office	Lighting	Bi-Level Control, Stairwell Lighting	Bi-Level Stairwell Occupancy Sensor Control,	Continuous Full Power Lighting in Stairways	Per Stairwell Lighting Control	Existing	488.01	9	$ 107.50	68%	5,128
Large Office	Lighting	Bi-Level Control, Stairwell Lighting	Bi-Level Stairwell Occupancy Sensor Control,	Continuous Full Power Lighting in Stairways	Per Stairwell Lighting Control	New	305.29	9	$ 107.50	68%	187
Large Office	Lighting	Ceiling Fans	ENERGY STAR Ceiling Fans with Light Kit	Standard Ceiling Fan	Per Ceiling Fan	Existing	98.55	10	$ 119.55	85%	-
Large Office	Lighting	Ceiling Fans	ENERGY STAR Ceiling Fans with Light Kit	Standard Ceiling Fan	Per Ceiling Fan	New	98.55	10	$ 119.55	85%	-
Large Office	Lighting	Daylighting Controls	Continuous Dimming, Fluorescent Fixtures (Day-	No Dimming Controls	Per Applicable SQFT of Dimmable Perimeter	Existing	3.42	9	$ 1.67	66%	19,643
Large Office	Lighting	Daylighting Controls	Continuous Dimming, Fluorescent Fixtures (Day-	No Dimming Controls	Per Applicable SQFT of Dimmable Perimeter	New	2.14	13	$ 1.67	0%	-
Large Office	Lighting	Daylighting Controls	Dual Level Switches, Fluorescent Fixtures	No Dimming Controls	Per Applicable SQFT of Dimmable Perimeter	Existing	1.40	9	$ 0.83	66%	4,226
Large Office	Lighting	Daylighting Controls	Dual Level Switches, Fluorescent Fixtures	No Dimming Controls	Per Applicable SQFT of Dimmable Perimeter	New	0.88	13	$ 0.83	0%	-
Large Office	Lighting	Exit Sign - LED	LED Exit Signs	CFL Exit Sign	Per Exit Sign	Existing	175.20	11	$ 68.22	38%	790
Large Office	Lighting	Exit Sign - Photoluminescent	Photoluminescent Exit Sign	LED Exit Sign	Per Exit Sign	Existing	35.04	13	$ 30.00	93%	391
Large Office	Lighting	Exit Sign - Photoluminescent	Photoluminescent Exit Sign	LED Exit Sign	Per Exit Sign	New	35.04	13	$ 30.00	93%	23
Large Office	Lighting	LED Strip Lighting	LED Strip Lighting (Non-Refrigerated)	Fluorescent	Per Linear Foot of Lighting	Existing	0.44	11	$ 2.99	78%	-
Large Office	Lighting	LED Strip Lighting	LED Strip Lighting (Non-Refrigerated)	Fluorescent	Per Linear Foot of Lighting	New	0.44	11	$ 2.99	78%	-
Large Office	Lighting	LightLouver Daylighting System	LightLouver Daylighting System	No Daylight System	Per Linear Feet of Window	Existing	49.82	9	$ 65.00	40%	-
Large Office	Lighting	Lighting - CFL Lamp Package	ENERGY STAR CFL	EISA Incandescent	Per Building	Existing	41,101.31	2	$ 319.23	68%	1,787
Large Office	Lighting	Lighting - Clock/Timer	Lighting Clock/Timer Commercial grade	No Time Clock	Per Lighting Control	Existing	1,727.53	9	$ 205.43	42%	3,930
Large Office	Lighting	Lighting - Fluorescent High	Fluorescent HP Lamps and Ballasts Packages	Standard Lighting	Per Lighting Package	Existing	66,014.77	13	#########	90%	-
Large Office	Lighting	Lighting - Fluorescent Reduced	Fluorescent RW Lamps and Ballasts Packages	Standard Lighting	Per Lighting Package	Existing	#########	13	#########	76%	-
Large Office	Lighting	Lighting - Induction Lighting Package	Induction Lighting Package	Standard HID Lighting	Per Lighting Package	Existing	14,422.66	20	$26,771.46	38%	-
Large Office	Lighting	Lighting - LED Lamp Package	ENERGY STAR LED	EISA Incandescent	Per Lighting Package	Existing	49,513.55	12	$14,881.70	73%	8,864
Large Office	Lighting	Lighting - LPD Package	LPD Reduction Package 15%	LPD Code	Per Lighting Package	New	73,154.25	15	$ 1,099.91	68%	195
Large Office	Lighting	Lighting - LPD Package	LPD Reduction Package 25%	LPD Code	Per Lighting Package	New	#########	15	$13,491.93	71%	1,234
Large Office	Lighting	Lighting - Specialty Lamp Package	CFL and LED Specialty Lamp Package	Standard Incandescent	Per Lighting Package	Existing	4,646.43	4	$ 395.08	81%	914
Large Office	Lighting	Lighting - Standard	Standard Lighting	Standard Lighting	Per Building SqFt	Existing	-	14	$ -	100%	-
Large Office	Lighting	Lighting - Standard	Standard Lighting	Standard Lighting	Per Building SqFt	New	-	14	$ -	100%	-
Large Office	Lighting	Occupancy Sensor - High-Bay	Fixture-Mounted (Control > 150 Watts)	No Sensor	Per Lighting Control	Existing	960.78	14	$ 225.00	3%	81
Large Office	Lighting	Occupancy Sensor - High-Bay	Fixture-Mounted (Control > 150 Watts)	No Sensor	Per Lighting Control	New	601.03	14	$ 225.00	3%	3
Large Office	Lighting	Occupancy Sensor - Wall or Ceiling	Wall or Ceiling-Mounted (Control > 400 Watts)	No Sensor	Per Lighting Control	Existing	84.07	14	$ 225.00	69%	-
Large Office	Lighting	Occupancy Sensor - Wall or Ceiling	Wall or Ceiling-Mounted (Control > 400 Watts)	No Sensor	Per Lighting Control	New	52.59	14	$ 225.00	69%	-
Large Office	Other	Other - Standard	Standard Other Equipment	Standard Other Equipment	Per Building SqFt	Existing	-	10	$ -	100%	-
Large Office	Other	Other - Standard	Standard Other Equipment	Standard Other Equipment	Per Building SqFt	New	-	10	$ -	100%	-
Large Office	Other	Transformers	Transformers, Three-Phase Low-Voltage Dry-	Standard Efficiency Transformer NEMA TP-1-	Per Transformer	Existing	1,612.84	30	$ 5,078.00	50%	-
Large Office	Other	Transformers	Transformers, Three-Phase Low-Voltage Dry-	Standard Efficiency Transformer NEMA TP-1-	Per Transformer	New	1,612.84	30	$ 5,078.00	50%	-
Large Office	Other Plug	All-In-One Office Equipment	All-In-One ENERGY STAR Office Equipment	Non-ENERGY STAR Features	Per All-in-One Device	Existing	200.08	6	$ 218.33	68%	-
Large Office	Other Plug	All-In-One Office Equipment	All-In-One ENERGY STAR Office Equipment	Non-ENERGY STAR Features	Per All-in-One Device	New	200.08	6	$ 218.33	68%	-
Large Office	Other Plug	Ceiling Fans	ENERGY STAR Ceiling Fans with Light Kit	Standard Ceiling Fan	Per Ceiling Fan	Existing	4.33	10	$ 119.55	85%	-
Large Office	Other Plug	Ceiling Fans	ENERGY STAR Ceiling Fans with Light Kit	Standard Ceiling Fan	Per Ceiling Fan	New	4.33	10	$ 119.55	85%	-
Large Office	Other Plug	Ceiling Fans	ENERGY STAR Ceiling Fans without Light Kit	Standard Ceiling Fan	Per Ceiling Fan	Existing	4.33	10	$ 1.46	85%	9
Large Office	Other Plug	Ceiling Fans	ENERGY STAR Ceiling Fans without Light Kit	Standard Ceiling Fan	Per Ceiling Fan	New	4.33	10	$ 1.46	85%	1
Large Office	Other Plug	Plug Load - Standard Equipment	Standard Plug Load	Standard Plug Load	Per Building SqFt	Existing	-	10	$ -	100%	-
Large Office	Other Plug	Plug Load - Standard Equipment	Standard Plug Load	Standard Plug Load	Per Building SqFt	New	-	10	$ -	100%	-
Large Office	Other Plug	Snow Melt System Control	Snow Melt System Control	Manual Control	Per Snow Melt Control	Existing	1,501.52	25	$ 2,782.00	5%	84
Large Office	Other Plug	Snow Melt System Control	Snow Melt System Control	Manual Control	Per Snow Melt Control	New	1,600.18	25	$ 2,782.00	0%	-
Large Office	Other Plug	Water Coolers	ENERGY STAR Water Cooler	Non-ENERGY STAR Water Cooler	Per Water Cooler	Existing	209.40	10	$ 5.00	56%	115
Large Office	Other Plug	Water Coolers	ENERGY STAR Water Cooler	Non-ENERGY STAR Water Cooler	Per Water Cooler	New	223.16	10	$ 5.00	56%	7
Large Office	Photo	Photo Copier - ENERGY STAR	ENERGY STAR Photo Copier	Standard Photo Copier	Per Building SqFt	Existing	0.01	6	$ 0.02	100%	-
Large Office	Photo	Photo Copier - ENERGY STAR	ENERGY STAR Photo Copier	Standard Photo Copier	Per Building SqFt	New	0.01	6	$ 0.02	100%	-
Large Office	Photo	Photo Copiers - Standard	Standard Photo Copier	Standard Photo Copier	Per Building SqFt	Existing	-	6	$ -	100%	-
Large Office	Photo	Photo Copiers - Standard	Standard Photo Copier	Standard Photo Copier	Per Building SqFt	New	-	6	$ -	100%	-
Large Office	Printers	Printers - ENERGY STAR	ENERGY STAR Printers	Standard Printers	Per Building SqFt	Existing	0.06	6	$ 0.01	100%	1,636
Large Office	Printers	Printers - ENERGY STAR	ENERGY STAR Printers	Standard Printers	Per Building SqFt	New	0.06	6	$ 0.01	100%	114
Large Office	Printers	Printers - Standard	Standard Printers	Standard Printers	Per Building SqFt	Existing	-	6	$ 0.01	100%	-
Large Office	Printers	Printers - Standard	Standard Printers	Standard Printers	Per Building SqFt	New	-	6	$ 0.01	100%	-
Large Office	Refrigerator	Refrigerator - 2014 Federal Standard	2014 Standard Refrigerator	Standard Refrigerator	Per Building SqFt	Existing	0.03	13	$ 0.10	100%	-
Large Office	Refrigerator	Refrigerator - 2014 Federal Standard	2014 Standard Refrigerator	Standard Refrigerator	Per Building SqFt	New	0.03	13	$ 0.10	100%	-
Large Office	Refrigerator	Refrigerator - Below Standard	Below Standard Refrigerator	Below Standard Refrigerator	Per Building SqFt	Existing	-	13	$ -	100%	-
Large Office	Refrigerator	Refrigerator - Below Standard	Below Standard Refrigerator	Below Standard Refrigerator	Per Building SqFt	New	-	13	$ -	100%	-
Large Office	Refrigerator	Refrigerator - CEE Tier 1	CEE Tier 1 Refrigerator	Standard Refrigerator	Per Building SqFt	Existing	0.04	13	$ 0.14	100%	-
Large Office	Refrigerator	Refrigerator - CEE Tier 1	CEE Tier 1 Refrigerator	Standard Refrigerator	Per Building SqFt	New	0.04	13	$ 0.14	100%	-
Large Office	Refrigerator	Refrigerator - CEE Tier 2	CEE Tier 2 Refrigerator	Standard Refrigerator	Per Building SqFt	Existing	0.02	13	$ 0.06	100%	-

Large Office	Refrigerator	Refrigerator - CEE Tier 2	CEE Tier 2 Refrigerator	Standard Refrigerator	Per Building SqFt	New	0.02	13	$ 0.06	100%	-
Large Office	Refrigerator	Refrigerator - ENERGY STAR	ENERGY STAR Refrigerator	Standard Refrigerator	Per Building SqFt	Existing	0.01	13	$ 0.03	100%	-
Large Office	Refrigerator	Refrigerator - ENERGY STAR	ENERGY STAR Refrigerator	Standard Refrigerator	Per Building SqFt	New	0.01	13	$ 0.03	100%	-
Large Office	Refrigerator	Refrigerator - Federal Standard	Standard Refrigerator	Standard Refrigerator	Per Building SqFt	Existing	-	13	$ -	100%	-
Large Office	Refrigerator	Refrigerator - Federal Standard	Standard Refrigerator	Standard Refrigerator	Per Building SqFt	New	-	13	$ -	100%	-
Large Office	Servers	Server - ENERGY STAR	ENERGY STAR Server	Standard Server	Per Building SqFt	Existing	0.04	9	$ 0.01	100%	916
Large Office	Servers	Server - ENERGY STAR	ENERGY STAR Server	Standard Server	Per Building SqFt	New	0.04	9	$ 0.01	100%	77
Large Office	Servers	Server - Standard	Standard Server	Standard Server	Per Building SqFt	Existing	-	9	$ -	100%	-
Large Office	Servers	Server - Standard	Standard Server	Standard Server	Per Building SqFt	New	-	9	$ -	100%	-
Large Office	Space Heat	Demand Controlled Ventilation	Demand Controlled Ventilation - DCV	Constant Ventilation	Per Sensor	Existing	399.71	15	$ 450.00	43%	-
Large Office	Space Heat	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	Existing	34,054.87	5	$ 5,556.34	33%	223
Large Office	Space Heat	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	New	98,156.79	5	$13,562.29	33%	39
Large Office	Space Heat	Direct Digital Control System-	DDC Retrofit - EMS Upgrade	Pneumatic	Per Building	Existing	51,082.30	5	$24,455.86	6%	-
Large Office	Space Heat	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	Existing	488.92	20	$ 477.04	76%	-
Large Office	Space Heat	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	New	488.92	20	$ 477.04	76%	-
Large Office	Space Heat	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	Existing	217.30	20	$ 60.58	62%	10
Large Office	Space Heat	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	New	217.30	20	$ 60.58	62%	1
Large Office	Space Heat	Duct Repair And Sealing	Reduction In Duct Losses to 5%	No Repair or Sealing, 15% duct losses	Per Building SqFt	Existing	0.08	18	$ 0.24	38%	-
Large Office	Space Heat	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	Existing	0.27	30	$ 10.13	75%	-
Large Office	Space Heat	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	New	0.77	30	$ 10.13	75%	-
Large Office	Space Heat	Infiltration Control	Weather-Stripping	Standard Practice	Per Window SqFt	Existing	3.45	13	$ 0.39	9%	43
Large Office	Space Heat	Insulation - Duct	New Duct Insulation (R-8) (Unconditioned	No Insulation	Per Surface Area of Duct	Existing	1.43	20	$ 2.61	15%	-
Large Office	Space Heat	Insulation - Floor	R-30	Average Existing Insulation (R-10)	Per Floor Area SqFt	Existing	0.48	25	$ 1.82	29%	-
Large Office	Space Heat	Insulation - Roof	R-20ci	Average Existing Insulation (R-10)	Per Roof Area SqFt	Existing	0.32	25	$ 1.77	13%	-
Large Office	Space Heat	Insulation - Wall	R-13+R-7.5ci	Average Existing Insulation (R-10)	Per Wall Area SqFt	Existing	0.97	25	$ 1.84	33%	-
Large Office	Space Heat	Space Heat - Standard	Standard Space Heat	Standard Space Heat	Per Building SqFt	Existing	-	20	$ -	100%	-
Large Office	Space Heat	Space Heat - Standard	Standard Space Heat	Standard Space Heat	Per Building SqFt	New	-	20	$ -	100%	-
Large Office	Space Heat	Thermostat Programmable	Setback Thermostat 5-1-1, 5-2 or 7-day	Manual Thermostat	Per Thermostat	Existing	1,021.65	15	$ 138.50	80%	166
Large Office	Space Heat	Variable Air-Volume Systems	Install Variable Air-Volume System	Constant Volume System	Per Building SqFt	Existing	0.35	15	$ 1.19	10%	-
Large Office	Space Heat	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	Existing	2.01	25	$ 3.67	62%	-
Large Office	Space Heat	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	New	2.01	25	$ 3.67	69%	-
Large Office	Space Heat	Window - Metal Framing	U-Value = 0.55 (Code Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	2.10	25	$ 27.83	12%	-
Large Office	Space Heat	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	Existing	1.29	25	$ 2.08	1%	-
Large Office	Space Heat	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	New	1.29	25	$ 2.08	1%	-
Large Office	Space Heat	Window - Non-Metal Framing	U-Value = 0.35 (Code Non-Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	6.43	25	$ 42.42	1%	-
Large Office	Vending	Vending Machine - Controller	Refrigerated Vending Machine Controller	No Controls	Per Vending Machine	Existing	1,394.81	3	$ 238.00	25%	263
Large Office	Vending	Vending Machine - Controller	Refrigerated Vending Machine Controller	No Controls	Per Vending Machine	New	1,394.81	3	$ 238.00	25%	13
Large Office	Vending	Vending Machine - ENERGY STAR	ENERGY STAR Vending Machine	Standard Vending Machine	Per Building SqFt	Existing	0.04	10	$ 0.00	100%	655
Large Office	Vending	Vending Machine - ENERGY STAR	ENERGY STAR Vending Machine	Standard Vending Machine	Per Building SqFt	New	0.04	10	$ 0.00	100%	57
Large Office	Vending	Vending Machine - Standard	Standard Vending Machine	Standard Vending Machine	Per Building SqFt	Existing	-	10	$ -	100%	-
Large Office	Vending	Vending Machine - Standard	Standard Vending Machine	Standard Vending Machine	Per Building SqFt	New	-	10	$ -	100%	-
Large Office	Water Heat	Desuperheaters - Air Conditioner	Add-on Desuperheaters to Air Conditioner	No Desuperheater	Per Desuperheater	Existing	541.80	10	$ 600.00	49%	-
Large Office	Water Heat	Desuperheaters - Air Source Heat	Add-on Desuperheaters to Air Source Heat	No Desuperheater	Per Desuperheater	Existing	3,387.44	10	$ 600.00	4%	22
Large Office	Water Heat	Desuperheaters - Ground Source Heat	Add-on Desuperheaters to Ground Source Heat	No Desuperheater	Per Desuperheater	Existing	3,387.44	10	$ 600.00	0%	1
Large Office	Water Heat	Dishwasher	Dishwasher Enhanced Efficiency (EF 1.00) 200	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	Existing	155.00	11	$ 1,067.33	86%	-
Large Office	Water Heat	Dishwasher	Dishwasher Enhanced Efficiency (EF 1.00) 200	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	New	155.00	11	$ 1,067.33	86%	-
Large Office	Water Heat	Dishwasher	ENERGY STAR 295 kWh/yr and 4.25	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	Existing	60.00	11	$ 272.18	72%	-
Large Office	Water Heat	Dishwasher	ENERGY STAR 295 kWh/yr and 4.25	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	New	60.00	11	$ 272.18	72%	-
Large Office	Water Heat	Drainwater Heat Recovery	Install Power-Pipe or GFX System	No GFX or Power-Pipe System	Per 40 Gal Water Heater	Existing	3,387.44	40	$ 833.35	60%	443
Large Office	Water Heat	Drainwater Heat Recovery	Install Power-Pipe or GFX System	No GFX or Power-Pipe System	Per 40 Gal Water Heater	New	3,387.44	40	$ 666.68	83%	29
Large Office	Water Heat	Faucet Aerator	0.5 GPM	Existing Aerator (3.0 GPM)	Per Aerator	Existing	52.93	10	$ 4.76	67%	163
Large Office	Water Heat	Ultrasonic Faucet Control	Install Ultrasonic Faucet Control	No Faucet Control	Per Faucet	Existing	21.17	10	$ 196.25	81%	-
Large Office	Water Heat	Ultrasonic Faucet Control	Install Ultrasonic Faucet Control	No Faucet Control	Per Faucet	New	21.17	10	$ 196.25	81%	-
Large Office	Water Heat	Water Heater - Pipe Insulation	Hot Water Pipe Insulation (R-4)	No Pipe Insulation	Per Linear Foot	Existing	42.34	13	$ 2.10	56%	22
Large Office	Water Heat	Water Heater - Tank Blanket/Insulation	Install Insulation (R-11)	No Tank Insulation	Per Water Heater	Existing	677.49	7	$ 62.60	5%	7
Large Office	Water Heat	Water Heater - Thermostat Setback	Install Programmable Thermostat (120 Degrees)	No Thermostat Setback (130 Degrees)	Per Water Heater	Existing	2,304.38	4	$ 102.34	35%	155
Large Office	Water Heat	Water Heating - ENERGY STAR	ENERGY STAR Heat Pump Water Heater EF =	Standard Water Heater EF = 0.92	Per Building SqFt	Existing	0.15	13	$ 0.07	75%	948
Large Office	Water Heat	Water Heating - ENERGY STAR	ENERGY STAR Heat Pump Water Heater EF =	Standard Water Heater EF = 0.92	Per Building SqFt	New	0.15	13	$ 0.07	75%	101
Large Office	Water Heat	Water Heating - Storage 2015 Standard	2015 Standard Water Heater EF = 0.95	Standard Water Heater EF = 0.92	Per Building SqFt	Existing	0.01	13	$ 0.00	100%	15
Large Office	Water Heat	Water Heating - Storage 2015 Standard	2015 Standard Water Heater EF = 0.95	Standard Water Heater EF = 0.92	Per Building SqFt	New	0.01	13	$ 0.00	100%	2
Large Office	Water Heat	Water Heating - Storage Below	Below Standard Water Heater EF = 0.86	Below Standard Water Heater EF = 0.86	Per Building SqFt	Existing	-	13	$ -	100%	-
Large Office	Water Heat	Water Heating - Storage Below	Below Standard Water Heater EF = 0.86	Below Standard Water Heater EF = 0.86	Per Building SqFt	New	-	13	$ -	100%	-
Large Office	Water Heat	Water Heating - Storage Standard	Standard Water Heater EF = 0.92	Standard Water Heater EF = 0.92	Per Building SqFt	Existing	-	13	$ -	100%	-

Large Office	Water Heat	Water Heating - Storage Standard	Standard Water Heater EF = 0.92	Standard Water Heater EF = 0.92	Per Building SqFt	New	-	13	$ -	100%	-
Large Office	Water Heat	Water Heating - Tankless	Tankless Water Heater EF = 0.95	Standard Water Heater EF = 0.92	Per Building SqFt	Existing	0.02	13	$ 0.02	0%	-
Large Office	Water Heat	Water Heating - Tankless	Tankless Water Heater EF = 0.95	Standard Water Heater EF = 0.92	Per Building SqFt	New	0.02	13	$ 0.02	0%	-
Large Retail	Computers	Computer - ENERGY STAR	ENERGY STAR Computer	Standard Computer	Per Building SqFt	Existing	0.06	4	$ 0.01	100%	1,191
Large Retail	Computers	Computer - ENERGY STAR	ENERGY STAR Computer	Standard Computer	Per Building SqFt	New	0.06	4	$ 0.01	100%	74
Large Retail	Computers	Computer - Standard	Standard Computer	Standard Computer	Per Building SqFt	Existing	-	4	$ -	100%	-
Large Retail	Computers	Computer - Standard	Standard Computer	Standard Computer	Per Building SqFt	New	-	4	$ -	100%	-
Large Retail	Cooking	Convection Oven	ENERGY STAR Convection Oven	Standard Oven	Per Convection Oven	Existing	127.02	15	$ 1,650.00	75%	-
Large Retail	Cooking	Convection Oven	ENERGY STAR Convection Oven	Standard Oven	Per Convection Oven	New	130.89	15	$ 1,650.00	75%	-
Large Retail	Cooking	Cooking - Standard Equipment	Standard Cooking Equipment	Standard Cooking Equipment	Per Building SqFt	Existing	-	12	$ -	100%	-
Large Retail	Cooking	Cooking - Standard Equipment	Standard Cooking Equipment	Standard Cooking Equipment	Per Building SqFt	New	-	12	$ -	100%	-
Large Retail	Cooking	Fryer	ENERGY STAR Fryer	Standard	Per Fryer	Existing	55.73	12	$ 1,271.00	25%	-
Large Retail	Cooking	Fryer	ENERGY STAR Fryer	Standard	Per Fryer	New	57.43	12	$ 1,271.00	25%	-
Large Retail	Cooking	Hot Food Holding Cabinets	ENERGY STAR Qualified (< 40 watts/cubic foot)	Standard Equipment	Per Hot Food Holding Cabinet	Existing	380.50	12	$ 1,500.00	30%	-
Large Retail	Cooking	Hot Food Holding Cabinets	ENERGY STAR Qualified (< 40 watts/cubic foot)	Standard Equipment	Per Hot Food Holding Cabinet	New	392.09	12	$ 1,500.00	30%	-
Large Retail	Cooking	Steam Cooker	ENERGY STAR Steam Cooker	Standard	Per Steam Cooker	Existing	920.78	12	$ 1,500.00	11%	-
Large Retail	Cooking	Steam Cooker	ENERGY STAR Steam Cooker	Standard	Per Steam Cooker	New	948.82	12	$ 1,500.00	11%	-
Large Retail	Cooling	Chiller - Below Code	Below Standard Chiller - 0.74 kW/ton	Below Standard Chiller - 0.74 kW/ton	Per Building SqFt	Existing	-	20	$ -	100%	-
Large Retail	Cooling	Chiller - Below Code	Below Standard Chiller - 0.74 kW/ton	Below Standard Chiller - 0.74 kW/ton	Per Building SqFt	New	-	20	$ -	100%	-
Large Retail	Cooling	Chiller - High Efficiency	High Efficiency Chiller - 0.63 kW/ton	Standard Chiller - 0.68 kW/ton	Per Building SqFt	Existing	0.11	20	$ 0.04	100%	-
Large Retail	Cooling	Chiller - High Efficiency	High Efficiency Chiller - 0.63 kW/ton	Standard Chiller - 0.68 kW/ton	Per Building SqFt	New	0.13	20	$ 0.04	100%	-
Large Retail	Cooling	Chiller - Pipe Insulation	Above Code (3" of Insulation, Approximately R-	Code (1.5" of Insulation, Approximately R-6)	Per Linear Foot of Insulation	Existing	4.60	15	$ 4.11	58%	96
Large Retail	Cooling	Chiller - Pipe Insulation	Above Code (3" of Insulation, Approximately R-	Code (1.5" of Insulation, Approximately R-6)	Per Linear Foot of Insulation	New	5.19	15	$ 4.11	85%	9
Large Retail	Cooling	Chiller - Pipe Insulation	Code (1.5" of Insulation, Approximately R-6)	No Insulation	Per Linear Foot of Insulation	Existing	4.60	15	$ 4.11	58%	95
Large Retail	Cooling	Chiller - Premium Efficiency	Premium Efficiency Chiller - 0.58 kW/ton	Standard Chiller - 0.68 kW/ton	Per Building SqFt	Existing	0.22	20	$ 0.15	100%	-
Large Retail	Cooling	Chiller - Premium Efficiency	Premium Efficiency Chiller - 0.58 kW/ton	Standard Chiller - 0.68 kW/ton	Per Building SqFt	New	0.25	20	$ 0.15	100%	-
Large Retail	Cooling	Chiller - Standard	Standard Chiller - 0.68 kW/ton	Standard Chiller - 0.68 kW/ton	Per Building SqFt	Existing	-	20	$ -	100%	-
Large Retail	Cooling	Chiller - Standard	Standard Chiller - 0.68 kW/ton	Standard Chiller - 0.68 kW/ton	Per Building SqFt	New	-	20	$ -	100%	-
Large Retail	Cooling	Chiller - VSD Retrofit	Centrifugal Chiller - VSD Remodel for Existing	Constant Speed Motor	Per Ton	Existing	27.48	10	$ 70.41	38%	-
Large Retail	Cooling	Chiller - Water Piping Loop with VSD	VSD for Secondary Chilled Water Loop	Primary Loop Only w/ Constant Speed Pump	Per Ton	Existing	41.55	10	$ 212.34	65%	-
Large Retail	Cooling	Chiller - Water Reset	Install Chilled Water Reset	No Chilled Water Reset	Per Control Point	Existing	76.63	10	$ 681.34	95%	-
Large Retail	Cooling	Chiller Air-Cooled	Chiller Air Cooled with Condenser 10.0 EER	Standard 9.562 EER	Per Ton	Existing	24.07	20	$ 112.70	7%	-
Large Retail	Cooling	Chiller Air-Cooled	Chiller Air Cooled with Condenser 10.0 EER	Standard 9.562 EER	Per Ton	New	27.18	20	$ 112.70	7%	-
Large Retail	Cooling	Commissioning	Commissioning/QI - New Installation	No Commissioning	Per SqFt	New	0.22	7	$ 1.16	100%	-
Large Retail	Cooling	Cool Roofs	ENERGY STAR Cool Roof - Reflect Material	Standard Roof	Per Roof Area SqFt	Existing	0.15	15	$ 0.68	93%	-
Large Retail	Cooling	Cool Roofs	ENERGY STAR Cool Roof - Reflect Material	Standard Roof	Per Roof Area SqFt	New	0.17	15	$ 0.68	93%	-
Large Retail	Cooling	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	Existing	7,795.76	5	$ 9,117.67	33%	-
Large Retail	Cooling	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	New	8,801.45	5	$ 9,117.67	33%	-
Large Retail	Cooling	Direct Digital Control System-	DDC Retrofit - EMS Upgrade	Pneumatic	Per Building	Existing	11,693.64	5	$16,201.57	6%	-
Large Retail	Cooling	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	Existing	17.72	20	$ 477.04	76%	-
Large Retail	Cooling	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	New	17.72	20	$ 477.04	76%	-
Large Retail	Cooling	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	Existing	7.88	20	$ 60.58	62%	2
Large Retail	Cooling	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	New	7.88	20	$ 60.58	62%	0
Large Retail	Cooling	Duct Repair And Sealing	Reduction In Duct Losses to 5%	No Repair or Sealing, 15% duct losses	Per Building SqFt	Existing	0.05	18	$ 0.24	1%	-
Large Retail	Cooling	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	Existing	3,508.09	10	$ 5,450.00	23%	-
Large Retail	Cooling	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	New	3,960.65	10	$ 5,450.00	23%	7
Large Retail	Cooling	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	Existing	0.15	30	$ 10.13	75%	-
Large Retail	Cooling	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	New	0.17	30	$ 10.13	75%	-
Large Retail	Cooling	Infiltration Control	Weather-Stripping	Standard Practice	Per Window SqFt	Existing	0.86	13	$ 0.39	9%	29
Large Retail	Cooling	Insulation - Duct	New Duct Insulation (R-8) (Unconditioned	No Insulation	Per Surface Area of Duct	Existing	0.82	20	$ 2.61	0%	-
Large Retail	Cooling	Insulation - Roof	R-20ci	Average Existing Insulation (R-10)	Per Roof Area SqFt	Existing	0.01	25	$ 1.77	13%	-
Large Retail	Cooling	Insulation - Wall	R-13+R-7.5ci	Average Existing Insulation (R-10)	Per Wall Area SqFt	Existing	0.04	25	$ 1.84	33%	-
Large Retail	Cooling	Retro-Commissioning	Retro-Commissioning	No Retro-Commissioning	Per SqFt	Existing	0.25	7	$ 0.30	80%	1,373
Large Retail	Cooling	Tune-up - Chiller	Chiller Maintenance (Tune-up)	Unmaintained Chiller	Per SqFt	Existing	0.15	3	$ 0.16	16%	-
Large Retail	Cooling	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	Existing	0.07	25	$ 3.67	60%	-
Large Retail	Cooling	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	New	0.07	25	$ 3.67	67%	-
Large Retail	Cooling	Window - Metal Framing	U-Value = 0.55 (Code Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	0.08	25	$ 27.83	11%	-
Large Retail	Cooling	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	Existing	0.05	25	$ 2.08	4%	-
Large Retail	Cooling	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	New	0.05	25	$ 2.08	5%	-
Large Retail	Cooling	Window - Non-Metal Framing	U-Value = 0.35 (Code Non-Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	0.23	25	$ 42.42	4%	-
Large Retail	Cooling DX	Advanced Control Technology	Advanced Control Technologies for Packaged	Standard Controls	Per 5 Tons of Cooling	Existing	626.63	15	$ 4,920.00	15%	-
Large Retail	Cooling DX	Commissioning	Commissioning/QI - New Installation	No Commissioning	Per SqFt	New	0.27	7	$ 1.16	90%	-
Large Retail	Cooling DX	Cool Roofs	ENERGY STAR Cool Roof - Reflect Material	Standard Roof	Per Roof Area SqFt	Existing	0.21	15	$ 0.68	93%	-

Large Retail	Cooling DX	Cool Roofs	ENERGY STAR Cool Roof - Reflect Material	Standard Roof	Per Roof Area SqFt	New	0.21	15	$ 0.68	93%	-
Large Retail	Cooling DX	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	Existing	10,456.54	5	$24,507.39	33%	-
Large Retail	Cooling DX	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	New	10,548.13	5	$ 9,117.67	33%	-
Large Retail	Cooling DX	Direct Digital Control System-	DDC Retrofit - EMS Upgrade	Pneumatic	Per Building	Existing	15,684.82	5	$16,201.57	6%	-
Large Retail	Cooling DX	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	Existing	24.79	20	$ 477.04	76%	-
Large Retail	Cooling DX	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	New	24.79	20	$ 477.04	76%	-
Large Retail	Cooling DX	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	Existing	11.02	20	$ 60.58	62%	6
Large Retail	Cooling DX	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	New	11.02	20	$ 60.58	62%	0
Large Retail	Cooling DX	Duct Repair And Sealing	Reduction In Duct Losses to 5%	No Repair or Sealing, 15% duct losses	Per Building SqFt	Existing	0.06	18	$ 0.24	38%	258
Large Retail	Cooling DX	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	Existing	4,705.44	10	$ 5,450.00	23%	238
Large Retail	Cooling DX	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	New	4,746.66	10	$ 5,450.00	23%	17
Large Retail	Cooling DX	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	Existing	0.21	30	$ 10.13	75%	-
Large Retail	Cooling DX	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	New	0.21	30	$ 10.13	75%	-
Large Retail	Cooling DX	Infiltration Control	Weather-Stripping	Standard Practice	Per Window SqFt	Existing	1.16	13	$ 0.39	9%	75
Large Retail	Cooling DX	Insulation - Duct	New Duct Insulation (R-8) (Unconditioned	No Insulation	Per Surface Area of Duct	Existing	1.10	20	$ 2.61	15%	175
Large Retail	Cooling DX	Insulation - Floor	R-30	Average Existing Insulation (R-10)	Per Floor Area SqFt	Existing	0.02	25	$ 1.82	29%	-
Large Retail	Cooling DX	Insulation - Roof	R-20ci	Average Existing Insulation (R-10)	Per Roof Area SqFt	Existing	0.02	25	$ 1.77	13%	-
Large Retail	Cooling DX	Insulation - Wall	R-13+R-7.5ci	Average Existing Insulation (R-10)	Per Wall Area SqFt	Existing	0.05	25	$ 1.84	33%	-
Large Retail	Cooling DX	Package Terminal - Air Conditioner	High Efficiency Package Terminal Air	Federal Standard Equipment	Per Package Terminal AC	Existing	63.95	9	$ 88.00	7%	-
Large Retail	Cooling DX	Package Terminal - Air Conditioner	High Efficiency Package Terminal Air	Federal Standard Equipment	Per Package Terminal AC	New	63.95	9	$ 88.00	7%	-
Large Retail	Cooling DX	Retro-Commissioning	Retro-Commissioning	No Retro-Commissioning	Per SqFt	Existing	0.33	7	$ 0.30	90%	3,977
Large Retail	Cooling DX	Rooftop DX Unit - Below Standard	Below Standard 9.5 EER, Air-Cooled = 135 and	Below Standard 9.5 EER, Air-Cooled = 135 and	Per Building SqFt	Existing	-	15	$ -	100%	-
Large Retail	Cooling DX	Rooftop DX Unit - Below Standard	Below Standard 9.5 EER, Air-Cooled = 135 and	Below Standard 9.5 EER, Air-Cooled = 135 and	Per Building SqFt	New	-	15	$ -	100%	-
Large Retail	Cooling DX	Rooftop DX Unit - CEE Tier 1	CEE Tier 1 11.5 EER, Air-Cooled = 135 and <	Federal Standard 11.0 EER, Air-Cooled = 135	Per Building SqFt	Existing	0.09	15	$ 0.07	100%	-
Large Retail	Cooling DX	Rooftop DX Unit - CEE Tier 1	CEE Tier 1 11.5 EER, Air-Cooled = 135 and <	Federal Standard 11.0 EER, Air-Cooled = 135	Per Building SqFt	New	0.09	15	$ 0.07	100%	-
Large Retail	Cooling DX	Rooftop DX Unit - CEE Tier 2	CEE Tier 2 12.0 EER, Air-Cooled = 135 and <	Federal Standard 11.0 EER, Air-Cooled = 135	Per Building SqFt	Existing	0.17	15	$ 0.11	100%	983
Large Retail	Cooling DX	Rooftop DX Unit - CEE Tier 2	CEE Tier 2 12.0 EER, Air-Cooled = 135 and <	Federal Standard 11.0 EER, Air-Cooled = 135	Per Building SqFt	New	0.17	15	$ 0.11	100%	144
Large Retail	Cooling DX	Rooftop DX Unit - Standard	Federal Standard 11.0 EER, Air-Cooled = 135	Federal Standard 11.0 EER, Air-Cooled = 135	Per Building SqFt	Existing	-	15	$ -	100%	-
Large Retail	Cooling DX	Rooftop DX Unit - Standard	Federal Standard 11.0 EER, Air-Cooled = 135	Federal Standard 11.0 EER, Air-Cooled = 135	Per Building SqFt	New	-	15	$ -	100%	-
Large Retail	Cooling DX	Thermostat Programmable	Setback Thermostat 5-1-1, 5-2 or 7-day	Manual Thermostat	Per Thermostat	Existing	1,045.65	15	$ 138.50	89%	763
Large Retail	Cooling DX	Tune-up - Air Conditioner	Air Conditioner Maintenance (Tune-up)	Unmaintained Air Conditioner	Per Ton	Existing	73.72	3	$ 48.00	48%	-
Large Retail	Cooling DX	Variable Air-Volume Systems	Install Variable Air-Volume System	Constant Volume System	Per Building SqFt	Existing	0.62	15	$ 1.19	10%	836
Large Retail	Cooling DX	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	Existing	0.10	25	$ 3.67	60%	-
Large Retail	Cooling DX	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	New	0.10	25	$ 3.67	67%	-
Large Retail	Cooling DX	Window - Metal Framing	U-Value = 0.55 (Code Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	0.11	25	$ 27.83	11%	-
Large Retail	Cooling DX	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	Existing	0.07	25	$ 2.08	4%	-
Large Retail	Cooling DX	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	New	0.07	25	$ 2.08	5%	-
Large Retail	Cooling DX	Window - Non-Metal Framing	U-Value = 0.35 (Code Non-Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	0.33	25	$ 42.42	4%	-
Large Retail	Cooling DX	Window Air Conditioner	CEE TIER 1 = 11.3 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Window AC	Existing	101.59	9	$ 406.80	32%	-
Large Retail	Cooling DX	Window Air Conditioner	CEE TIER 1 = 11.3 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Window AC	New	101.59	9	$ 406.80	32%	-
Large Retail	Cooling DX	Window Air Conditioner	CEE TIER 2 = 11.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Window AC	Existing	129.71	9	$ 771.98	33%	-
Large Retail	Cooling DX	Window Air Conditioner	CEE TIER 2 = 11.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Window AC	New	129.71	9	$ 771.98	33%	-
Large Retail	Cooling DX	Window Air Conditioner	ENERGY STAR = 10.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Window AC	Existing	70.86	9	$ 41.62	26%	10
Large Retail	Cooling DX	Window Air Conditioner	ENERGY STAR = 10.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Window AC	New	70.86	9	$ 41.62	26%	1
Large Retail	Ext Lighting	Exterior Lighting - Standard	Standard Exterior Lighting	Standard Exterior Lighting	Per Building SqFt	Existing	-	14	$ -	100%	-
Large Retail	Ext Lighting	Exterior Lighting - Standard	Standard Exterior Lighting	Standard Exterior Lighting	Per Building SqFt	New	-	14	$ -	100%	-
Large Retail	Ext Lighting	Lighting - LED Lighting Package	Exterior LED Lighting Package	Standard Lighting	Per Lighting Package	Existing	1,013.16	13	$ 2,844.30	66%	-
Large Retail	Ext Lighting	Lighting - High Intensity Discharge	High Efficiency Metal Halide Lighting Packages	Standard HID Lighting	Per Lighting Package	Existing	436.51	5	$ 104.86	62%	52
Large Retail	Ext Lighting	Lighting - Induction Lighting Package	Induction Lighting Package	Standard HID Lighting	Per Lighting Package	Existing	1,241.00	13	$ 679.24	67%	369
Large Retail	Fax	Fax - ENERGY STAR	ENERGY STAR Fax	Standard Fax	Per Building SqFt	Existing	0.01	6	$ 0.00	100%	145
Large Retail	Fax	Fax - ENERGY STAR	ENERGY STAR Fax	Standard Fax	Per Building SqFt	New	0.01	6	$ 0.00	100%	10
Large Retail	Fax	Fax - Standard	Standard Fax	Standard Fax	Per Building SqFt	Existing	-	6	$ -	100%	-
Large Retail	Fax	Fax - Standard	Standard Fax	Standard Fax	Per Building SqFt	New	-	6	$ -	100%	-
Large Retail	Flat Screen	Monitor - ENERGY STAR Flat Screen	ENERGY STAR Flat Screen Monitor	Standard Flat Screen Monitor	Per Building SqFt	Existing	0.00	4	$ 0.00	100%	-
Large Retail	Flat Screen	Monitor - ENERGY STAR Flat Screen	ENERGY STAR Flat Screen Monitor	Standard Flat Screen Monitor	Per Building SqFt	New	0.00	4	$ 0.00	100%	-
Large Retail	Flat Screen	Monitor - Standard Flat Screen	Standard Flat Screen Monitor	Standard Flat Screen Monitor	Per Building SqFt	Existing	-	4	$ -	100%	-
Large Retail	Flat Screen	Monitor - Standard Flat Screen	Standard Flat Screen Monitor	Standard Flat Screen Monitor	Per Building SqFt	New	-	4	$ -	100%	-
Large Retail	Freezers	Freezer - 2014 Federal Standard	2014 Standard Freezer	Standard Freezer	Per Building SqFt	Existing	0.00	12	$ 0.00	100%	-
Large Retail	Freezers	Freezer - 2014 Federal Standard	2014 Standard Freezer	Standard Freezer	Per Building SqFt	New	0.00	12	$ 0.00	100%	-
Large Retail	Freezers	Freezer - Below Standard	Below Standard Freezer	Below Standard Freezer	Per Building SqFt	Existing	-	12	$ -	100%	-
Large Retail	Freezers	Freezer - Below Standard	Below Standard Freezer	Below Standard Freezer	Per Building SqFt	New	-	12	$ -	100%	-
Large Retail	Freezers	Freezer - ENERGY STAR	ENERGY STAR Freezer	Standard Freezer	Per Building SqFt	Existing	0.00	12	$ 0.00	100%	-
Large Retail	Freezers	Freezer - ENERGY STAR	ENERGY STAR Freezer	Standard Freezer	Per Building SqFt	New	0.00	12	$ 0.00	100%	-

Large Retail	Freezers	Freezer - Standard	Standard Freezer	Standard Freezer	Per Building SqFt	Existing	-	12	$ -	100%	-
Large Retail	Freezers	Freezer - Standard	Standard Freezer	Standard Freezer	Per Building SqFt	New	-	12	$ -	100%	-
Large Retail	HVAC Aux	Cooling Tower-Two-Speed Fan Motor	Cooling Tower-Two-Speed Fan Motor	Cooling Tower-One-Speed Fan Motor	Per Chiller Ton	Existing	56.46	15	$ 2.35	33%	1,190
Large Retail	HVAC Aux	Cooling Tower-VSD Fan Control	Variable-Speed Tower Fans Replace Two-	Cooling Tower-One-Speed Fan Motor	Per Chiller Ton	Existing	16.13	13	$ 19.00	71%	-
Large Retail	HVAC Aux	Cooling Tower-VSD Fan Control	Variable-Speed Tower Fans Replace Two-	Cooling Tower-One-Speed Fan Motor	Per Chiller Ton	New	13.14	13	$ 19.00	11%	-
Large Retail	HVAC Aux	Demand Controlled Ventilation - Range	For Range Hoods – VFD Controlled	No DCV	Per Range Hood	Existing	1,430.16	10	$12,500.00	49%	-
Large Retail	HVAC Aux	Demand Controlled Ventilation - Range	For Range Hoods – VFD Controlled	No DCV	Per Range Hood	New	1,165.27	10	$ 6,500.00	49%	-
Large Retail	HVAC Aux	ECM Motor	Central Air Conditioner ECM Fan	Standard Motor	Per ECM	Existing	542.89	15	$ 200.00	53%	643
Large Retail	HVAC Aux	ECM Motor	Central Air Conditioner ECM Fan	Standard Motor	Per ECM	New	442.34	15	$ 200.00	77%	45
Large Retail	HVAC Aux	ECM Motor	Electric Furnace ECM Fan	Standard Motor	Per ECM	Existing	542.89	15	$ 200.00	4%	52
Large Retail	HVAC Aux	ECM Motor	Electric Furnace ECM Fan	Standard Motor	Per ECM	New	442.34	15	$ 200.00	6%	4
Large Retail	HVAC Aux	ECM Motor	Gas Furnace ECM Fan (CEE Air Handling Ratio	Standard Motor	Per ECM	Existing	542.89	15	$ 200.00	47%	574
Large Retail	HVAC Aux	ECM Motor	Gas Furnace ECM Fan (CEE Air Handling Ratio	Standard Motor	Per ECM	New	442.34	15	$ 200.00	69%	40
Large Retail	HVAC Aux	HVAC Auxillary - Standard Equipment	Standard HVAC Auxillary	Standard HVAC Auxillary	Per Building SqFt	Existing	-	15	$ -	100%	-
Large Retail	HVAC Aux	HVAC Auxillary - Standard Equipment	Standard HVAC Auxillary	Standard HVAC Auxillary	Per Building SqFt	New	-	15	$ -	100%	-
Large Retail	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 1-15 HP, 1200-3600	NEMA Qualifying Standard Motor	Per Motor	Existing	75.68	15	$ 274.24	67%	-
Large Retail	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 1-15 HP, 1200-3600	NEMA Qualifying Standard Motor	Per Motor	New	75.68	15	$ 274.24	67%	-
Large Retail	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 125-200 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	Existing	2,066.69	15	$ 2,036.86	0%	0
Large Retail	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 125-200 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	New	518.91	15	$ 2,036.86	9%	-
Large Retail	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 20-40 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	Existing	518.91	15	$ 678.39	9%	17
Large Retail	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 20-40 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	New	1,143.16	15	$ 678.39	1%	0
Large Retail	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 250-500 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	Existing	5,959.61	15	$ 4,197.32	0%	0
Large Retail	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 250-500 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	New	2,066.69	15	$ 4,197.32	0%	-
Large Retail	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 50-100 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	Existing	1,143.16	15	$ 1,375.63	1%	1
Large Retail	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 50-100 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	New	5,959.61	15	$ 1,375.63	0%	0
Large Retail	HVAC Aux	Variable Air-Volume Systems	Install Variable Air-Volume System	Constant Volume System	Per Building SqFt	Existing	0.13	15	$ 1.19	10%	-
Large Retail	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 1-15 HP	Constant Speed Motor	Per Building	Existing	11,441.29	15	$ 2,532.43	67%	3,427
Large Retail	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 1-15 HP	Constant Speed Motor	Per Building	New	9,322.13	15	$ 2,532.43	67%	163
Large Retail	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 125-200 HP	Constant Speed Motor	Per Building	Existing	11,441.29	15	$ 1,189.49	1%	31
Large Retail	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 125-200 HP	Constant Speed Motor	Per Building	New	9,322.13	15	$ 1,189.49	1%	1
Large Retail	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 20-40 HP	Constant Speed Motor	Per Building	Existing	11,441.29	15	$ 1,467.71	4%	221
Large Retail	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 20-40 HP	Constant Speed Motor	Per Building	New	9,322.13	15	$ 1,467.71	4%	10
Large Retail	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 250-500 HP	Constant Speed Motor	Per Building	Existing	11,441.29	15	$ 902.69	0%	12
Large Retail	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 250-500 HP	Constant Speed Motor	Per Building	New	9,322.13	15	$ 902.69	0%	1
Large Retail	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 50-100 HP	Constant Speed Motor	Per Building	Existing	11,441.29	15	$ 1,808.22	1%	70
Large Retail	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 50-100 HP	Constant Speed Motor	Per Building	New	9,322.13	15	$ 1,808.22	1%	3
Large Retail	Heat Pump	Commissioning	Commissioning/QI - New Installation	No Commissioning	Per SqFt	New	0.79	7	$ 1.16	90%	-
Large Retail	Heat Pump	Cool Roofs	ENERGY STAR Cool Roof - Reflect Material	Standard Roof	Per Roof Area SqFt	Existing	0.23	15	$ 0.68	93%	-
Large Retail	Heat Pump	Cool Roofs	ENERGY STAR Cool Roof - Reflect Material	Standard Roof	Per Roof Area SqFt	New	0.15	15	$ 0.68	93%	-
Large Retail	Heat Pump	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	Existing	35,343.03	5	$49,014.78	33%	-
Large Retail	Heat Pump	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	New	31,066.03	5	$49,014.78	33%	-
Large Retail	Heat Pump	Direct Digital Control System-	DDC Retrofit - EMS Upgrade	Pneumatic	Per Building	Existing	53,014.54	5	$32,403.14	6%	-
Large Retail	Heat Pump	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	Existing	296.41	20	$ 477.04	76%	-
Large Retail	Heat Pump	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	New	296.41	20	$ 477.04	76%	-
Large Retail	Heat Pump	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	Existing	131.74	20	$ 60.58	62%	7
Large Retail	Heat Pump	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	New	131.74	20	$ 60.58	62%	0
Large Retail	Heat Pump	Duct Repair And Sealing	Reduction In Duct Losses to 5%	No Repair or Sealing, 15% duct losses	Per Building SqFt	Existing	0.21	18	$ 0.24	38%	65
Large Retail	Heat Pump	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	Existing	15,904.36	10	$ 5,450.00	23%	82
Large Retail	Heat Pump	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	New	13,979.71	10	$ 5,450.00	23%	4
Large Retail	Heat Pump	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	Existing	0.23	30	$ 10.13	75%	-
Large Retail	Heat Pump	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	New	0.15	30	$ 10.13	75%	-
Large Retail	Heat Pump	Heat Pump - Below Standard	Below Standard Air Source Heat Pump 9.0 EER	Below Standard Air Source Heat Pump 9.0 EER	Per Building SqFt	Existing	-	15	$ -	100%	-
Large Retail	Heat Pump	Heat Pump - Below Standard	Below Standard Air Source Heat Pump 9.0 EER	Below Standard Air Source Heat Pump 9.0 EER	Per Building SqFt	New	-	15	$ -	100%	-
Large Retail	Heat Pump	Heat Pump - ENERGY STAR	ENERGY STAR Ground Source Heat Pump	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	Existing	1.23	15	$ 16.85	5%	-
Large Retail	Heat Pump	Heat Pump - ENERGY STAR	ENERGY STAR Ground Source Heat Pump	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	New	1.18	15	$ 10.83	5%	-
Large Retail	Heat Pump	Heat Pump - High Efficiency	High Efficiency Air Source Heat Pump 11.1 EER	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	Existing	0.24	15	$ 0.15	100%	97
Large Retail	Heat Pump	Heat Pump - High Efficiency	High Efficiency Air Source Heat Pump 11.1 EER	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	New	0.22	15	$ 0.15	100%	10
Large Retail	Heat Pump	Heat Pump - Premium Efficiency	Premium Efficiency Water Source Heat Pump	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	Existing	1.42	15	$ 0.79	5%	30
Large Retail	Heat Pump	Heat Pump - Premium Efficiency	Premium Efficiency Water Source Heat Pump	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	New	1.19	15	$ 0.91	5%	3
Large Retail	Heat Pump	Heat Pump - Standard	Federal Standard Air Source Heat Pump 10.6	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	Existing	-	15	$ -	100%	-
Large Retail	Heat Pump	Heat Pump - Standard	Federal Standard Air Source Heat Pump 10.6	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	New	-	15	$ -	100%	-
Large Retail	Heat Pump	Heat Pump - Variable Refrigerant Flow	Variable Refrigerant Flow System (VRF) - Heat	Packaged VAV With Electric Reheat	Per Ton	Existing	946.87	15	$ 540.00	33%	978
Large Retail	Heat Pump	Heat Pump - Variable Refrigerant Flow	Variable Refrigerant Flow System (VRF) - Heat	Packaged VAV With Electric Reheat	Per Ton	New	832.28	15	$ 540.00	81%	123

Large Retail	Heat Pump	Infiltration Control	Weather-Stripping	Standard Practice	Per Window SqFt	Existing	7.44	13	$ 0.39	9%	40
Large Retail	Heat Pump	Insulation - Duct	New Duct Insulation (R-8) (Unconditioned	No Insulation	Per Surface Area of Duct	Existing	3.72	20	$ 2.61	15%	49
Large Retail	Heat Pump	Insulation - Floor	R-30	Average Existing Insulation (R-10)	Per Floor Area SqFt	Existing	0.29	25	$ 1.82	29%	-
Large Retail	Heat Pump	Insulation - Roof	R-20ci	Average Existing Insulation (R-10)	Per Roof Area SqFt	Existing	0.19	25	$ 1.77	13%	-
Large Retail	Heat Pump	Insulation - Wall	R-13+R-7.5ci	Average Existing Insulation (R-10)	Per Wall Area SqFt	Existing	0.59	25	$ 1.84	33%	-
Large Retail	Heat Pump	Package Terminal - Heat Pump	High Efficiency Package Terminal Air	Federal Standard Equipment	Per Ton	Existing	63.95	15	$ 150.01	10%	-
Large Retail	Heat Pump	Package Terminal - Heat Pump	High Efficiency Package Terminal Air	Federal Standard Equipment	Per Ton	New	63.95	15	$ 150.01	10%	-
Large Retail	Heat Pump	Retro-Commissioning	Retro-Commissioning	No Retro-Commissioning	Per SqFt	Existing	1.11	7	$ 0.30	90%	976
Large Retail	Heat Pump	Thermostat Programmable	Setback Thermostat 5-1-1, 5-2 or 7-day	Manual Thermostat	Per Thermostat	Existing	3,534.30	15	$ 138.50	89%	217
Large Retail	Heat Pump	Tune-up - Air Source Heat Pump	Air Source Heat Pump Maintenance (Tune-up)	Unmaintained Air Source Heat Pump	Per Ton	Existing	249.18	3	$ 48.00	48%	14
Large Retail	Heat Pump	Tune-up - Ground Source Heat Pump	Ground Source Heat Pump Maintenance (Tune-	Unmaintained Ground Source Heat Pump	Per Ton	Existing	249.18	3	$ 48.00	48%	14
Large Retail	Heat Pump	Variable Air-Volume Systems	Install Variable Air-Volume System	Constant Volume System	Per Building SqFt	Existing	1.29	15	$ 1.19	10%	147
Large Retail	Heat Pump	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	Existing	1.22	25	$ 3.67	60%	-
Large Retail	Heat Pump	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	New	1.22	25	$ 3.67	67%	-
Large Retail	Heat Pump	Window - Metal Framing	U-Value = 0.55 (Code Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	1.27	25	$ 27.83	11%	-
Large Retail	Heat Pump	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	Existing	0.78	25	$ 2.08	4%	-
Large Retail	Heat Pump	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	New	0.78	25	$ 2.08	5%	-
Large Retail	Heat Pump	Window - Non-Metal Framing	U-Value = 0.35 (Code Non-Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	3.90	25	$ 42.42	4%	-
Large Retail	Lighting	Bi-Level Control, Stairwell Lighting	Bi-Level Stairwell Occupancy Sensor Control,	Continuous Full Power Lighting in Stairways	Per Stairwell Lighting Control	Existing	155.58	9	$ 107.50	68%	1,194
Large Retail	Lighting	Bi-Level Control, Stairwell Lighting	Bi-Level Stairwell Occupancy Sensor Control,	Continuous Full Power Lighting in Stairways	Per Stairwell Lighting Control	New	95.37	9	$ 107.50	68%	-
Large Retail	Lighting	Ceiling Fans	ENERGY STAR Ceiling Fans with Light Kit	Standard Ceiling Fan	Per Ceiling Fan	Existing	98.55	10	$ 119.55	85%	-
Large Retail	Lighting	Ceiling Fans	ENERGY STAR Ceiling Fans with Light Kit	Standard Ceiling Fan	Per Ceiling Fan	New	98.55	10	$ 119.55	85%	-
Large Retail	Lighting	Daylighting Controls	Continuous Dimming, Fluorescent Fixtures (Day-	No Dimming Controls	Per Applicable SQFT of Dimmable Perimeter	Existing	5.45	9	$ 1.67	52%	12,896
Large Retail	Lighting	Daylighting Controls	Continuous Dimming, Fluorescent Fixtures (Day-	No Dimming Controls	Per Applicable SQFT of Dimmable Perimeter	New	3.34	13	$ 1.67	0%	-
Large Retail	Lighting	Daylighting Controls	Dual Level Switches, Fluorescent Fixtures	No Dimming Controls	Per Applicable SQFT of Dimmable Perimeter	Existing	2.24	9	$ 0.83	52%	4,850
Large Retail	Lighting	Daylighting Controls	Dual Level Switches, Fluorescent Fixtures	No Dimming Controls	Per Applicable SQFT of Dimmable Perimeter	New	1.37	13	$ 0.83	0%	-
Large Retail	Lighting	Exit Sign - LED	LED Exit Signs	CFL Exit Sign	Per Exit Sign	Existing	175.20	11	$ 68.22	56%	1,283
Large Retail	Lighting	Exit Sign - Photoluminescent	Photoluminescent Exit Sign	LED Exit Sign	Per Exit Sign	Existing	35.04	13	$ 30.00	93%	428
Large Retail	Lighting	Exit Sign - Photoluminescent	Photoluminescent Exit Sign	LED Exit Sign	Per Exit Sign	New	35.04	13	$ 30.00	93%	25
Large Retail	Lighting	LED Refrigerated Case Lighting	LED Refrigerated Case Lighting	Fluorescent	Per Refrigerated Glass Case	Existing	192.00	13	$ 600.00	76%	-
Large Retail	Lighting	LED Refrigerated Case Lighting	LED Refrigerated Case Lighting	Fluorescent	Per Refrigerated Glass Case	New	192.00	13	$ 600.00	76%	-
Large Retail	Lighting	LED Strip Lighting	LED Strip Lighting (Non-Refrigerated)	Fluorescent	Per Linear Foot of Lighting	Existing	0.51	11	$ 2.99	78%	-
Large Retail	Lighting	LED Strip Lighting	LED Strip Lighting (Non-Refrigerated)	Fluorescent	Per Linear Foot of Lighting	New	0.51	11	$ 2.99	78%	-
Large Retail	Lighting	LightLouver Daylighting System	LightLouver Daylighting System	No Daylight System	Per Linear Feet of Window	Existing	49.82	9	$ 65.00	40%	-
Large Retail	Lighting	Lighting - CFL Lamp Package	ENERGY STAR CFL	EISA Incandescent	Per Building	Existing	44,657.92	2	$ 300.61	68%	3,562
Large Retail	Lighting	Lighting - Clock/Timer	Lighting Clock/Timer Commercial grade	No Time Clock	Per Lighting Control	Existing	2,679.28	9	$ 205.43	30%	3,202
Large Retail	Lighting	Lighting - Fluorescent High	Fluorescent HP Lamps and Ballasts Packages	Standard Lighting	Per Lighting Package	Existing	33,316.13	13	$68,046.59	90%	-
Large Retail	Lighting	Lighting - Fluorescent Reduced	Fluorescent RW Lamps and Ballasts Packages	Standard Lighting	Per Lighting Package	Existing	66,632.26	13	$56,454.11	76%	22,639
Large Retail	Lighting	Lighting - High Bay Fluorescent High	High Bay Fluorescent HO Packages	Standard HID Lighting	Per Lighting Package	Existing	29,784.64	15	$ 4,358.91	73%	6,144
Large Retail	Lighting	Lighting - High Bay LED Package	High Bay LED Package	Standard HID Lighting	Per Lighting Package	Existing	19,568.84	20	$81,955.32	94%	-
Large Retail	Lighting	Lighting - High Intensity Discharge	High Efficiency Metal Halide Lighting Packages	Standard HID Lighting	Per Lighting Package	Existing	12,083.25	15	$ 4,310.81	67%	-
Large Retail	Lighting	Lighting - Induction Lighting Package	Induction Lighting Package	Standard HID Lighting	Per Lighting Package	Existing	33,387.93	20	$24,476.89	38%	5,672
Large Retail	Lighting	Lighting - LED Lamp Package	ENERGY STAR LED	EISA Incandescent	Per Lighting Package	Existing	53,798.09	12	$14,013.52	73%	17,675
Large Retail	Lighting	Lighting - LPD Package	LPD Reduction Package 15%	LPD Code	Per Lighting Package	New	45,481.95	15	$ 1,729.81	68%	222
Large Retail	Lighting	Lighting - LPD Package	LPD Reduction Package 25%	LPD Code	Per Lighting Package	New	75,803.25	15	$11,104.76	71%	1,407
Large Retail	Lighting	Lighting - Specialty Lamp Package	CFL and LED Specialty Lamp Package	Standard Incandescent	Per Lighting Package	Existing	11,423.62	3	$ 841.82	81%	4,124
Large Retail	Lighting	Lighting - Standard	Standard Lighting	Standard Lighting	Per Building SqFt	Existing	-	14	$ -	100%	-
Large Retail	Lighting	Lighting - Standard	Standard Lighting	Standard Lighting	Per Building SqFt	New	-	14	$ -	100%	-
Large Retail	Lighting	Occupancy Sensor - High-Bay	Fixture-Mounted (Control > 150 Watts)	No Sensor	Per Lighting Control	Existing	1,531.49	14	$ 225.00	12%	1,250
Large Retail	Lighting	Occupancy Sensor - High-Bay	Fixture-Mounted (Control > 150 Watts)	No Sensor	Per Lighting Control	New	938.80	14	$ 225.00	12%	45
Large Retail	Lighting	Occupancy Sensor - Wall or Ceiling	Wall or Ceiling-Mounted (Control > 400 Watts)	No Sensor	Per Lighting Control	Existing	106.59	14	$ 225.00	53%	-
Large Retail	Lighting	Occupancy Sensor - Wall or Ceiling	Wall or Ceiling-Mounted (Control > 400 Watts)	No Sensor	Per Lighting Control	New	65.34	14	$ 225.00	53%	-
Large Retail	Other	Other - Standard	Standard Other Equipment	Standard Other Equipment	Per Building SqFt	Existing	-	10	$ -	100%	-
Large Retail	Other	Other - Standard	Standard Other Equipment	Standard Other Equipment	Per Building SqFt	New	-	10	$ -	100%	-
Large Retail	Other	Transformers	Transformers, Three-Phase Low-Voltage Dry-	Standard Efficiency Transformer NEMA TP-1-	Per Transformer	Existing	981.30	30	$ 2,740.00	50%	-
Large Retail	Other	Transformers	Transformers, Three-Phase Low-Voltage Dry-	Standard Efficiency Transformer NEMA TP-1-	Per Transformer	New	981.30	30	$ 2,740.00	50%	-
Large Retail	Other Plug	All-In-One Office Equipment	All-In-One ENERGY STAR Office Equipment	Non-ENERGY STAR Features	Per All-in-One Device	Existing	200.08	6	$ 218.33	68%	-
Large Retail	Other Plug	All-In-One Office Equipment	All-In-One ENERGY STAR Office Equipment	Non-ENERGY STAR Features	Per All-in-One Device	New	200.08	6	$ 218.33	68%	-
Large Retail	Other Plug	Ceiling Fans	ENERGY STAR Ceiling Fans with Light Kit	Standard Ceiling Fan	Per Ceiling Fan	Existing	4.33	10	$ 119.55	85%	-
Large Retail	Other Plug	Ceiling Fans	ENERGY STAR Ceiling Fans with Light Kit	Standard Ceiling Fan	Per Ceiling Fan	New	4.33	10	$ 119.55	85%	-
Large Retail	Other Plug	Ceiling Fans	ENERGY STAR Ceiling Fans without Light Kit	Standard Ceiling Fan	Per Ceiling Fan	Existing	4.33	10	$ 1.46	85%	3
Large Retail	Other Plug	Ceiling Fans	ENERGY STAR Ceiling Fans without Light Kit	Standard Ceiling Fan	Per Ceiling Fan	New	4.33	10	$ 1.46	85%	0
Large Retail	Other Plug	Plug Load - Standard Equipment	Standard Plug Load	Standard Plug Load	Per Building SqFt	Existing	-	10	$ -	100%	-

Large Retail	Other Plug	Plug Load - Standard Equipment	Standard Plug Load	Standard Plug Load	Per Building SqFt	New	-	10	$ -	100%	-
Large Retail	Other Plug	Snow Melt System Control	Snow Melt System Control	Manual Control	Per Snow Melt Control	Existing	459.49	25	$ 2,782.00	5%	-
Large Retail	Other Plug	Snow Melt System Control	Snow Melt System Control	Manual Control	Per Snow Melt Control	New	480.77	25	$ 2,782.00	0%	-
Large Retail	Other Plug	Water Coolers	ENERGY STAR Water Cooler	Non-ENERGY STAR Water Cooler	Per Water Cooler	Existing	255.07	10	$ 5.00	19%	21
Large Retail	Other Plug	Water Coolers	ENERGY STAR Water Cooler	Non-ENERGY STAR Water Cooler	Per Water Cooler	New	266.88	10	$ 5.00	19%	1
Large Retail	Photo	Photo Copier - ENERGY STAR	ENERGY STAR Photo Copier	Standard Photo Copier	Per Building SqFt	Existing	0.01	6	$ 0.03	100%	-
Large Retail	Photo	Photo Copier - ENERGY STAR	ENERGY STAR Photo Copier	Standard Photo Copier	Per Building SqFt	New	0.01	6	$ 0.03	100%	-
Large Retail	Photo	Photo Copiers - Standard	Standard Photo Copier	Standard Photo Copier	Per Building SqFt	Existing	-	6	$ -	100%	-
Large Retail	Photo	Photo Copiers - Standard	Standard Photo Copier	Standard Photo Copier	Per Building SqFt	New	-	6	$ -	100%	-
Large Retail	Printers	Printers - ENERGY STAR	ENERGY STAR Printers	Standard Printers	Per Building SqFt	Existing	0.02	6	$ 0.00	100%	316
Large Retail	Printers	Printers - ENERGY STAR	ENERGY STAR Printers	Standard Printers	Per Building SqFt	New	0.02	6	$ 0.00	100%	22
Large Retail	Printers	Printers - Standard	Standard Printers	Standard Printers	Per Building SqFt	Existing	-	6	$ 0.00	100%	-
Large Retail	Printers	Printers - Standard	Standard Printers	Standard Printers	Per Building SqFt	New	-	6	$ 0.00	100%	-
Large Retail	Refrigeratio	Anti-Sweat Heater Controls	Variable Temperature Controls (Humidistat)	Constant Controls	Per Control (Weighted by Grocery	Existing	767.25	12	$ 78.84	74%	316
Large Retail	Refrigeratio	Anti-Sweat Heater Controls	Variable Temperature Controls (Humidistat)	Constant Controls	Per Control (Weighted by Grocery	New	767.25	12	$ 78.84	18%	5
Large Retail	Refrigeratio	Case Fans with ECM motors	ECM Motors on Evaporator Fan for Display	Standard Case Fan Motor	Per ECM (Weighted by Grocery	Existing	1,018.06	12	$ 243.00	37%	209
Large Retail	Refrigeratio	Case Fans with ECM motors	ECM Motors on Evaporator Fan for Display	Standard Case Fan Motor	Per ECM (Weighted by Grocery	New	1,018.06	12	$ 243.00	37%	12
Large Retail	Refrigeratio	Compressor - Scroll	High Efficiency Scroll Compressor	Standard Reciprocating Compressor	Per Scroll Compressor HP	Existing	679.53	10	$ 140.97	4%	42
Large Retail	Refrigeratio	Compressor - Scroll	High Efficiency Scroll Compressor	Standard Reciprocating Compressor	Per Scroll Compressor HP	New	699.04	10	$ 140.97	4%	2
Large Retail	Refrigeratio	Compressor - VSD Retrofit	Refrigeration Compressor VSD Retrofit	Standard Compressor	Per Retrofit Compressor HP	Existing	761.04	13	$ 266.90	3%	51
Large Retail	Refrigeratio	Demand Control Defrost - Electric	Refrigerant Defrost	No Demand Control Defrost	Per Building SqFt	Existing	0.01	10	$ 0.10	41%	-
Large Retail	Refrigeratio	Demand Control Defrost - Hot Gas	Refrigerant Defrost	No Demand Control Defrost	Per Building SqFt	Existing	0.02	10	$ 0.12	41%	-
Large Retail	Refrigeratio	Evaporator Fans - Walk-ins	High-Efficiency Evaporator Fans, Walk-in	Standard Evaporator Fans	Per Walk-in Fan	Existing	435.00	15	$ 132.39	69%	558
Large Retail	Refrigeratio	Evaporator Fans - Walk-ins	High-Efficiency Evaporator Fans, Walk-in	Standard Evaporator Fans	Per Walk-in Fan	New	435.00	15	$ 132.39	69%	33
Large Retail	Refrigeratio	Floating Head Pressure Control -	Floating Head Pressure Control - Condensing	No Floating Head Pressure Control	Per Condensing Unit HP	Existing	618.28	14	$ 295.75	46%	196
Large Retail	Refrigeratio	Floating Head Pressure Control -	Floating Head Pressure Control - Condensing	No Floating Head Pressure Control	Per Condensing Unit HP	New	618.28	14	$ 295.75	46%	11
Large Retail	Refrigeratio	Floating Head Pressure Control -	Floating Head Pressure Control - Remote	No Floating Head Pressure Control	Per Condensing Unit HP	Existing	513.62	14	$ 232.86	46%	163
Large Retail	Refrigeratio	Floating Head Pressure Control -	Floating Head Pressure Control - Remote	No Floating Head Pressure Control	Per Condensing Unit HP	New	513.62	14	$ 232.86	46%	10
Large Retail	Refrigeratio	Ice Makers, Air Cooled	ENERGY STAR Qualified, Ice-Making Head	Standard Equipment	Per Ice Maker	Existing	1,197.10	10	$ 140.00	29%	15
Large Retail	Refrigeratio	Ice Makers, Air Cooled	ENERGY STAR Qualified, Ice-Making Head	Standard Equipment	Per Ice Maker	New	1,197.10	10	$ 140.00	29%	1
Large Retail	Refrigeratio	Ice Makers, Air Cooled	ENERGY STAR Qualified, Remote Condensing	Standard Equipment	Per Ice Maker	Existing	1,293.25	10	$ 5.00	29%	17
Large Retail	Refrigeratio	Ice Makers, Air Cooled	ENERGY STAR Qualified, Remote Condensing	Standard Equipment	Per Ice Maker	New	1,293.25	10	$ 5.00	29%	1
Large Retail	Refrigeratio	Ice Makers, Air Cooled	ENERGY STAR Qualified, Self-Contained	Standard Equipment	Per Ice Maker	Existing	317.99	10	$ 5.00	29%	4
Large Retail	Refrigeratio	Ice Makers, Air Cooled	ENERGY STAR Qualified, Self-Contained	Standard Equipment	Per Ice Maker	New	317.99	10	$ 5.00	29%	0
Large Retail	Refrigeratio	Ice Makers, Water-Cooled	Ice-Making Head - Water Cooled	Standard Equipment	Per Ice Maker	Existing	894.30	10	$ 1,000.00	29%	-
Large Retail	Refrigeratio	Ice Makers, Water-Cooled	Ice-Making Head - Water Cooled	Standard Equipment	Per Ice Maker	New	894.30	10	$ 1,000.00	29%	-
Large Retail	Refrigeratio	Ice Makers, Water-Cooled	Self-Contained - Water Cooled	Standard Equipment	Per Ice Maker	Existing	187.70	10	$ 850.00	29%	-
Large Retail	Refrigeratio	Ice Makers, Water-Cooled	Self-Contained - Water Cooled	Standard Equipment	Per Ice Maker	New	187.70	10	$ 850.00	29%	-
Large Retail	Refrigeratio	Night Covers for Display Cases	Night Covers for Display Cases	No Night Covers	Per Building	Existing	324.29	10	$ 3,052.14	27%	-
Large Retail	Refrigeratio	Night Covers for Display Cases	Night Covers for Display Cases	No Night Covers	Per Building	New	334.21	10	$ 3,052.14	27%	-
Large Retail	Refrigeratio	Novelty Cooler Shutoff	Cooler Shutoff with Controls System or Shutoff	No Cooler Shutoff	Per Cooler Case	Existing	749.88	10	$ 1,124.81	63%	-
Large Retail	Refrigeratio	Novelty Cooler Shutoff	Cooler Shutoff with Controls System or Shutoff	No Cooler Shutoff	Per Cooler Case	New	749.88	10	$ 1,124.81	63%	-
Large Retail	Refrigeratio	Occupancy Sensor - Refrigerated	Occupancy Sensor - Refrigerated Cases	No Sensor	Per Linear Foot of Refrigerated Display Case	Existing	20.45	8	$ 3.00	14%	52
Large Retail	Refrigeratio	Occupancy Sensor - Refrigerated	Occupancy Sensor - Refrigerated Cases	No Sensor	Per Linear Foot of Refrigerated Display Case	New	20.45	8	$ 3.00	14%	3
Large Retail	Refrigeratio	Refrigeration - Retro-Commissioning	Refrigeration Retro Commissioning	No Retro-Commissioning	Per Refrigeration Ton	Existing	31.79	10	$ 191.95	78%	-
Large Retail	Refrigeratio	Refrigeration - Commissioning	Commissioning (Refrigeration System	No Commissioning	Per Refrigeration Ton	New	32.77	3	$ 49.60	87%	-
Large Retail	Refrigeratio	Refrigeration - Standard	Standard Refrigeration	Standard Refrigeration	Per Building SqFt	Existing	-	14	$ -	100%	-
Large Retail	Refrigeratio	Refrigeration - Standard	Standard Refrigeration	Standard Refrigeration	Per Building SqFt	New	-	14	$ -	100%	-
Large Retail	Refrigeratio	Strip Curtains for Walk-Ins	Strip Curtains for Walk-Ins	No Strip Curtains for Walk-Ins	Per Walk-in	Existing	254.35	4	$ 300.00	51%	-
Large Retail	Refrigeratio	Strip Curtains for Walk-Ins	Strip Curtains for Walk-Ins	No Strip Curtains for Walk-Ins	Per Walk-in	New	262.13	4	$ 300.00	51%	-
Large Retail	Refrigerator	Refrigerator - 2014 Federal Standard	2014 Standard Refrigerator	Standard Refrigerator	Per Building SqFt	Existing	0.03	13	$ 0.09	100%	-
Large Retail	Refrigerator	Refrigerator - 2014 Federal Standard	2014 Standard Refrigerator	Standard Refrigerator	Per Building SqFt	New	0.03	13	$ 0.09	100%	-
Large Retail	Refrigerator	Refrigerator - Below Standard	Below Standard Refrigerator	Below Standard Refrigerator	Per Building SqFt	Existing	-	13	$ -	100%	-
Large Retail	Refrigerator	Refrigerator - Below Standard	Below Standard Refrigerator	Below Standard Refrigerator	Per Building SqFt	New	-	13	$ -	100%	-
Large Retail	Refrigerator	Refrigerator - CEE Tier 1	CEE Tier 1 Refrigerator	Standard Refrigerator	Per Building SqFt	Existing	0.04	13	$ 0.12	100%	-
Large Retail	Refrigerator	Refrigerator - CEE Tier 1	CEE Tier 1 Refrigerator	Standard Refrigerator	Per Building SqFt	New	0.04	13	$ 0.12	100%	-
Large Retail	Refrigerator	Refrigerator - CEE Tier 2	CEE Tier 2 Refrigerator	Standard Refrigerator	Per Building SqFt	Existing	0.02	13	$ 0.06	100%	-
Large Retail	Refrigerator	Refrigerator - CEE Tier 2	CEE Tier 2 Refrigerator	Standard Refrigerator	Per Building SqFt	New	0.02	13	$ 0.06	100%	-
Large Retail	Refrigerator	Refrigerator - ENERGY STAR	ENERGY STAR Refrigerator	Standard Refrigerator	Per Building SqFt	Existing	0.01	13	$ 0.02	100%	-
Large Retail	Refrigerator	Refrigerator - ENERGY STAR	ENERGY STAR Refrigerator	Standard Refrigerator	Per Building SqFt	New	0.01	13	$ 0.02	100%	-
Large Retail	Refrigerator	Refrigerator - Federal Standard	Standard Refrigerator	Standard Refrigerator	Per Building SqFt	Existing	-	13	$ -	100%	-
Large Retail	Refrigerator	Refrigerator - Federal Standard	Standard Refrigerator	Standard Refrigerator	Per Building SqFt	New	-	13	$ -	100%	-
Large Retail	Servers	Server - ENERGY STAR	ENERGY STAR Server	Standard Server	Per Building SqFt	Existing	0.01	9	$ 0.00	100%	113

Large Retail	Servers	Server - ENERGY STAR	ENERGY STAR Server	Standard Server	Per Building SqFt	New	0.01	9	$ 0.00	100%	10
Large Retail	Servers	Server - Standard	Standard Server	Standard Server	Per Building SqFt	Existing	-	9	$ -	100%	-
Large Retail	Servers	Server - Standard	Standard Server	Standard Server	Per Building SqFt	New	-	9	$ -	100%	-
Large Retail	Space Heat	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	Existing	39,589.31	5	$13,562.29	33%	-
Large Retail	Space Heat	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	New	74,945.30	5	$24,507.39	33%	-
Large Retail	Space Heat	Direct Digital Control System-	DDC Retrofit - EMS Upgrade	Pneumatic	Per Building	Existing	59,383.96	5	$44,782.47	6%	-
Large Retail	Space Heat	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	Existing	488.92	20	$ 477.04	76%	-
Large Retail	Space Heat	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	New	488.92	20	$ 477.04	76%	-
Large Retail	Space Heat	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	Existing	217.30	20	$ 60.58	62%	10
Large Retail	Space Heat	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	New	217.30	20	$ 60.58	62%	1
Large Retail	Space Heat	Duct Repair And Sealing	Reduction In Duct Losses to 5%	No Repair or Sealing, 15% duct losses	Per Building SqFt	Existing	0.23	18	$ 0.24	38%	-
Large Retail	Space Heat	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	Existing	17,815.19	10	$ 5,450.00	23%	84
Large Retail	Space Heat	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	New	33,725.38	10	$ 5,450.00	23%	10
Large Retail	Space Heat	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	Existing	0.78	30	$ 10.13	75%	-
Large Retail	Space Heat	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	New	1.47	30	$ 10.13	75%	-
Large Retail	Space Heat	Infiltration Control	Weather-Stripping	Standard Practice	Per Window SqFt	Existing	10.24	13	$ 0.39	9%	51
Large Retail	Space Heat	Insulation - Duct	New Duct Insulation (R-8) (Unconditioned	No Insulation	Per Surface Area of Duct	Existing	4.16	20	$ 2.61	15%	51
Large Retail	Space Heat	Insulation - Floor	R-30	Average Existing Insulation (R-10)	Per Floor Area SqFt	Existing	0.48	25	$ 1.82	29%	-
Large Retail	Space Heat	Insulation - Roof	R-20ci	Average Existing Insulation (R-10)	Per Roof Area SqFt	Existing	0.32	25	$ 1.77	13%	-
Large Retail	Space Heat	Insulation - Wall	R-13+R-7.5ci	Average Existing Insulation (R-10)	Per Wall Area SqFt	Existing	0.97	25	$ 1.84	33%	-
Large Retail	Space Heat	Space Heat - Standard	Standard Space Heat	Standard Space Heat	Per Building SqFt	Existing	-	20	$ -	100%	-
Large Retail	Space Heat	Space Heat - Standard	Standard Space Heat	Standard Space Heat	Per Building SqFt	New	-	20	$ -	100%	-
Large Retail	Space Heat	Thermostat Programmable	Setback Thermostat 5-1-1, 5-2 or 7-day	Manual Thermostat	Per Thermostat	Existing	3,958.93	15	$ 138.50	89%	224
Large Retail	Space Heat	Variable Air-Volume Systems	Install Variable Air-Volume System	Constant Volume System	Per Building SqFt	Existing	1.01	15	$ 1.19	10%	-
Large Retail	Space Heat	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	Existing	2.01	25	$ 3.67	60%	-
Large Retail	Space Heat	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	New	2.01	25	$ 3.67	67%	-
Large Retail	Space Heat	Window - Metal Framing	U-Value = 0.55 (Code Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	2.10	25	$ 27.83	11%	-
Large Retail	Space Heat	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	Existing	1.29	25	$ 2.08	4%	-
Large Retail	Space Heat	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	New	1.29	25	$ 2.08	5%	-
Large Retail	Space Heat	Window - Non-Metal Framing	U-Value = 0.35 (Code Non-Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	6.43	25	$ 42.42	4%	-
Large Retail	Vending	Vending Machine - Controller	Refrigerated Vending Machine Controller	No Controls	Per Vending Machine	Existing	1,394.81	3	$ 238.00	25%	269
Large Retail	Vending	Vending Machine - Controller	Refrigerated Vending Machine Controller	No Controls	Per Vending Machine	New	1,394.81	3	$ 238.00	25%	14
Large Retail	Vending	Vending Machine - ENERGY STAR	ENERGY STAR Vending Machine	Standard Vending Machine	Per Building SqFt	Existing	0.05	10	$ 0.01	100%	668
Large Retail	Vending	Vending Machine - ENERGY STAR	ENERGY STAR Vending Machine	Standard Vending Machine	Per Building SqFt	New	0.05	10	$ 0.01	100%	59
Large Retail	Vending	Vending Machine - Standard	Standard Vending Machine	Standard Vending Machine	Per Building SqFt	Existing	-	10	$ -	100%	-
Large Retail	Vending	Vending Machine - Standard	Standard Vending Machine	Standard Vending Machine	Per Building SqFt	New	-	10	$ -	100%	-
Large Retail	Water Heat	Desuperheaters - Air Conditioner	Add-on Desuperheaters to Air Conditioner	No Desuperheater	Per Desuperheater	Existing	230.29	10	$ 600.00	62%	-
Large Retail	Water Heat	Desuperheaters - Air Source Heat	Add-on Desuperheaters to Air Source Heat	No Desuperheater	Per Desuperheater	Existing	1,439.79	10	$ 600.00	2%	8
Large Retail	Water Heat	Desuperheaters - Ground Source Heat	Add-on Desuperheaters to Ground Source Heat	No Desuperheater	Per Desuperheater	Existing	1,439.79	10	$ 600.00	0%	0
Large Retail	Water Heat	Dishwasher	Dishwasher Enhanced Efficiency (EF 1.00) 200	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	Existing	155.00	11	$ 1,067.33	14%	-
Large Retail	Water Heat	Dishwasher	Dishwasher Enhanced Efficiency (EF 1.00) 200	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	New	155.00	11	$ 1,067.33	14%	-
Large Retail	Water Heat	Dishwasher	ENERGY STAR 295 kWh/yr and 4.25	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	Existing	60.00	11	$ 272.18	12%	-
Large Retail	Water Heat	Dishwasher	ENERGY STAR 295 kWh/yr and 4.25	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	New	60.00	11	$ 272.18	12%	-
Large Retail	Water Heat	Dishwasher	High Temp Commercial High Efficiency	Standard High Temp Commercial Dishwasher	Per Dishwasher	Existing	570.64	14	$ 442.50	1%	1
Large Retail	Water Heat	Dishwasher	High Temp Commercial High Efficiency	Standard High Temp Commercial Dishwasher	Per Dishwasher	New	570.64	14	$ 442.50	1%	0
Large Retail	Water Heat	Dishwasher	Low-Temp Commercial Dishwasher (Includes	Standard High Temp Commercial Dishwasher	Per Dishwasher	Existing	893.71	14	$ 307.50	1%	1
Large Retail	Water Heat	Dishwasher	Low-Temp Commercial Dishwasher (Includes	Standard High Temp Commercial Dishwasher	Per Dishwasher	New	893.71	14	$ 307.50	1%	0
Large Retail	Water Heat	Drainwater Heat Recovery	Install Power-Pipe or GFX System	No GFX or Power-Pipe System	Per 40 Gal Water Heater	Existing	1,439.79	40	$ 833.35	60%	315
Large Retail	Water Heat	Drainwater Heat Recovery	Install Power-Pipe or GFX System	No GFX or Power-Pipe System	Per 40 Gal Water Heater	New	1,439.79	40	$ 666.68	83%	21
Large Retail	Water Heat	Faucet Aerator	0.5 GPM	Existing Aerator (3.0 GPM)	Per Aerator	Existing	74.99	10	$ 4.76	67%	125
Large Retail	Water Heat	Low-Flow Spray Heads	1.0 GPM	1.6 GPM (Code)	Per Spray Head	Existing	485.60	5	$ 39.09	51%	94
Large Retail	Water Heat	Low-Flow Spray Heads	1.0 GPM	1.6 GPM (Code)	Per Spray Head	New	485.60	5	$ 39.09	51%	5
Large Retail	Water Heat	Low-Flow Spray Heads	1.6 GPM (Code)	Existing Spray Head (2.5 GPM)	Per Spray Head	Existing	728.40	5	$ 30.00	33%	95
Large Retail	Water Heat	Refrigeration with Heat Recovery	Heat Recovery from Refrigeration System.	No Heat Recovery	Per Building SqFt	Existing	0.08	16	$ 0.91	50%	-
Large Retail	Water Heat	Ultrasonic Faucet Control	Install Ultrasonic Faucet Control	No Faucet Control	Per Faucet	Existing	30.00	10	$ 196.25	81%	-
Large Retail	Water Heat	Ultrasonic Faucet Control	Install Ultrasonic Faucet Control	No Faucet Control	Per Faucet	New	30.00	10	$ 196.25	81%	-
Large Retail	Water Heat	Water Heater - Pipe Insulation	Hot Water Pipe Insulation (R-4)	No Pipe Insulation	Per Linear Foot	Existing	18.00	13	$ 2.10	56%	15
Large Retail	Water Heat	Water Heater - Tank Blanket/Insulation	Install Insulation (R-11)	No Tank Insulation	Per Water Heater	Existing	287.96	7	$ 62.60	5%	5
Large Retail	Water Heat	Water Heater - Thermostat Setback	Install Programmable Thermostat (120 Degrees)	No Thermostat Setback (130 Degrees)	Per Water Heater	Existing	979.45	4	$ 102.34	50%	157
Large Retail	Water Heat	Water Heating - ENERGY STAR	ENERGY STAR Heat Pump Water Heater EF =	Standard Water Heater EF = 0.92	Per Building SqFt	Existing	0.16	13	$ 0.07	75%	672
Large Retail	Water Heat	Water Heating - ENERGY STAR	ENERGY STAR Heat Pump Water Heater EF =	Standard Water Heater EF = 0.92	Per Building SqFt	New	0.16	13	$ 0.07	75%	74
Large Retail	Water Heat	Water Heating - Storage 2015 Standard	2015 Standard Water Heater EF = 0.95	Standard Water Heater EF = 0.92	Per Building SqFt	Existing	0.01	13	$ 0.00	100%	11
Large Retail	Water Heat	Water Heating - Storage 2015 Standard	2015 Standard Water Heater EF = 0.95	Standard Water Heater EF = 0.92	Per Building SqFt	New	0.01	13	$ 0.00	100%	1

Large Retail	Water Heat	Water Heating - Storage Below	Below Standard Water Heater EF = 0.86	Below Standard Water Heater EF = 0.86	Per Building SqFt	Existing	-	13	$ -	100%	-
Large Retail	Water Heat	Water Heating - Storage Below	Below Standard Water Heater EF = 0.86	Below Standard Water Heater EF = 0.86	Per Building SqFt	New	-	13	$ -	100%	-
Large Retail	Water Heat	Water Heating - Storage Standard	Standard Water Heater EF = 0.92	Standard Water Heater EF = 0.92	Per Building SqFt	Existing	-	13	$ -	100%	-
Large Retail	Water Heat	Water Heating - Storage Standard	Standard Water Heater EF = 0.92	Standard Water Heater EF = 0.92	Per Building SqFt	New	-	13	$ -	100%	-
Large Retail	Water Heat	Water Heating - Tankless	Tankless Water Heater EF = 0.95	Standard Water Heater EF = 0.92	Per Building SqFt	Existing	0.02	13	$ 0.02	0%	-
Large Retail	Water Heat	Water Heating - Tankless	Tankless Water Heater EF = 0.95	Standard Water Heater EF = 0.92	Per Building SqFt	New	0.02	13	$ 0.02	0%	-
Lodging	Computers	Computer - ENERGY STAR	ENERGY STAR Computer	Standard Computer	Per Building SqFt	Existing	0.03	4	$ 0.01	100%	182
Lodging	Computers	Computer - ENERGY STAR	ENERGY STAR Computer	Standard Computer	Per Building SqFt	New	0.03	4	$ 0.01	100%	11
Lodging	Computers	Computer - Standard	Standard Computer	Standard Computer	Per Building SqFt	Existing	-	4	$ -	100%	-
Lodging	Computers	Computer - Standard	Standard Computer	Standard Computer	Per Building SqFt	New	-	4	$ -	100%	-
Lodging	Cooking	Convection Oven	ENERGY STAR Convection Oven	Standard Oven	Per Convection Oven	Existing	267.68	15	$ 1,650.00	49%	-
Lodging	Cooking	Convection Oven	ENERGY STAR Convection Oven	Standard Oven	Per Convection Oven	New	275.81	15	$ 1,650.00	49%	-
Lodging	Cooking	Cooking - Standard Equipment	Standard Cooking Equipment	Standard Cooking Equipment	Per Building SqFt	Existing	-	12	$ -	100%	-
Lodging	Cooking	Cooking - Standard Equipment	Standard Cooking Equipment	Standard Cooking Equipment	Per Building SqFt	New	-	12	$ -	100%	-
Lodging	Cooking	Fryer	ENERGY STAR Fryer	Standard	Per Fryer	Existing	117.45	12	$ 1,271.00	32%	-
Lodging	Cooking	Fryer	ENERGY STAR Fryer	Standard	Per Fryer	New	121.02	12	$ 1,271.00	32%	-
Lodging	Cooking	Hot Food Holding Cabinets	ENERGY STAR Qualified (< 40 watts/cubic foot)	Standard Equipment	Per Hot Food Holding Cabinet	Existing	801.87	12	$ 1,500.00	47%	-
Lodging	Cooking	Hot Food Holding Cabinets	ENERGY STAR Qualified (< 40 watts/cubic foot)	Standard Equipment	Per Hot Food Holding Cabinet	New	826.22	12	$ 1,500.00	47%	-
Lodging	Cooking	Steam Cooker	ENERGY STAR Steam Cooker	Standard	Per Steam Cooker	Existing	1,940.47	12	$ 1,500.00	11%	28
Lodging	Cooking	Steam Cooker	ENERGY STAR Steam Cooker	Standard	Per Steam Cooker	New	1,999.40	12	$ 1,500.00	11%	2
Lodging	Cooling DX	Advanced Control Technology	Advanced Control Technologies for Packaged	Standard Controls	Per 5 Tons of Cooling	Existing	842.32	15	$ 4,920.00	15%	-
Lodging	Cooling DX	Commissioning	Commissioning/QI - New Installation	No Commissioning	Per SqFt	New	0.14	7	$ 1.16	90%	-
Lodging	Cooling DX	Cool Roofs	ENERGY STAR Cool Roof - Reflect Material	Standard Roof	Per Roof Area SqFt	Existing	0.17	15	$ 0.68	44%	-
Lodging	Cooling DX	Cool Roofs	ENERGY STAR Cool Roof - Reflect Material	Standard Roof	Per Roof Area SqFt	New	0.11	15	$ 0.68	44%	-
Lodging	Cooling DX	Demand Controlled Ventilation	Demand Controlled Ventilation - DCV	Constant Ventilation	Per Sensor	Existing	41.62	15	$ 450.00	10%	27
Lodging	Cooling DX	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	Existing	6,813.86	5	$ 9,117.67	33%	-
Lodging	Cooling DX	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	New	4,302.36	5	$14,651.71	33%	-
Lodging	Cooling DX	Direct Digital Control System-	DDC Retrofit - EMS Upgrade	Pneumatic	Per Building	Existing	10,220.79	5	$26,479.07	6%	-
Lodging	Cooling DX	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	Existing	24.79	20	$ 477.04	76%	-
Lodging	Cooling DX	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	New	24.79	20	$ 477.04	76%	-
Lodging	Cooling DX	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	Existing	11.02	20	$ 60.58	62%	1
Lodging	Cooling DX	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	New	11.02	20	$ 60.58	62%	0
Lodging	Cooling DX	Duct Repair And Sealing	Reduction In Duct Losses to 5%	No Repair or Sealing, 15% duct losses	Per Building SqFt	Existing	0.05	18	$ 0.24	38%	62
Lodging	Cooling DX	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	Existing	3,066.24	10	$ 5,450.00	49%	-
Lodging	Cooling DX	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	New	1,936.06	10	$ 5,450.00	49%	-
Lodging	Cooling DX	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	Existing	0.17	30	$ 10.13	75%	-
Lodging	Cooling DX	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	New	0.11	30	$ 10.13	75%	-
Lodging	Cooling DX	Hotel Key Card Activated Systems	Key card system to control room HVAC and	No key card system to control room, manual	Per Control	Existing	64.56	15	$ 140.00	57%	-
Lodging	Cooling DX	Hotel Key Card Activated Systems	Key card system to control room HVAC and	No key card system to control room, manual	Per Control	New	44.05	15	$ 140.00	57%	-
Lodging	Cooling DX	Infiltration Control	Weather-Stripping	Standard Practice	Per Window SqFt	Existing	0.49	13	$ 0.39	9%	18
Lodging	Cooling DX	Insulation - Duct	New Duct Insulation (R-8) (Unconditioned	No Insulation	Per Surface Area of Duct	Existing	0.89	20	$ 2.61	15%	40
Lodging	Cooling DX	Insulation - Floor	R-30	Average Existing Insulation (R-10)	Per Floor Area SqFt	Existing	0.02	25	$ 1.82	29%	-
Lodging	Cooling DX	Insulation - Roof	R-20ci	Average Existing Insulation (R-10)	Per Roof Area SqFt	Existing	0.02	25	$ 1.77	13%	-
Lodging	Cooling DX	Insulation - Wall	R-13+R-7.5ci	Average Existing Insulation (R-10)	Per Wall Area SqFt	Existing	0.05	25	$ 1.84	33%	-
Lodging	Cooling DX	Package Terminal - Air Conditioner	High Efficiency Package Terminal Air	Federal Standard Equipment	Per Package Terminal AC	Existing	186.72	9	$ 88.00	25%	44
Lodging	Cooling DX	Package Terminal - Air Conditioner	High Efficiency Package Terminal Air	Federal Standard Equipment	Per Package Terminal AC	New	186.72	9	$ 88.00	25%	2
Lodging	Cooling DX	Retro-Commissioning	Retro-Commissioning	No Retro-Commissioning	Per SqFt	Existing	0.27	7	$ 0.30	90%	920
Lodging	Cooling DX	Rooftop DX Unit - Below Standard	Below Standard 9.5 EER, Air-Cooled = 135 and	Below Standard 9.5 EER, Air-Cooled = 135 and	Per Building SqFt	Existing	-	15	$ -	100%	-
Lodging	Cooling DX	Rooftop DX Unit - Below Standard	Below Standard 9.5 EER, Air-Cooled = 135 and	Below Standard 9.5 EER, Air-Cooled = 135 and	Per Building SqFt	New	-	15	$ -	100%	-
Lodging	Cooling DX	Rooftop DX Unit - CEE Tier 1	CEE Tier 1 11.5 EER, Air-Cooled = 135 and <	Federal Standard 11.0 EER, Air-Cooled = 135	Per Building SqFt	Existing	0.07	15	$ 0.04	100%	-
Lodging	Cooling DX	Rooftop DX Unit - CEE Tier 1	CEE Tier 1 11.5 EER, Air-Cooled = 135 and <	Federal Standard 11.0 EER, Air-Cooled = 135	Per Building SqFt	New	0.05	15	$ 0.04	100%	-
Lodging	Cooling DX	Rooftop DX Unit - CEE Tier 2	CEE Tier 2 12.0 EER, Air-Cooled = 135 and <	Federal Standard 11.0 EER, Air-Cooled = 135	Per Building SqFt	Existing	0.14	15	$ 0.07	100%	235
Lodging	Cooling DX	Rooftop DX Unit - CEE Tier 2	CEE Tier 2 12.0 EER, Air-Cooled = 135 and <	Federal Standard 11.0 EER, Air-Cooled = 135	Per Building SqFt	New	0.09	15	$ 0.07	100%	20
Lodging	Cooling DX	Rooftop DX Unit - Standard	Federal Standard 11.0 EER, Air-Cooled = 135	Federal Standard 11.0 EER, Air-Cooled = 135	Per Building SqFt	Existing	-	15	$ -	100%	-
Lodging	Cooling DX	Rooftop DX Unit - Standard	Federal Standard 11.0 EER, Air-Cooled = 135	Federal Standard 11.0 EER, Air-Cooled = 135	Per Building SqFt	New	-	15	$ -	100%	-
Lodging	Cooling DX	Thermostat Programmable	Setback Thermostat 5-1-1, 5-2 or 7-day	Manual Thermostat	Per Thermostat	Existing	340.69	15	$ 138.50	0%	-
Lodging	Cooling DX	Tune-up - Air Conditioner	Air Conditioner Maintenance (Tune-up)	Unmaintained Air Conditioner	Per Ton	Existing	99.10	3	$ 48.00	48%	-
Lodging	Cooling DX	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	Existing	0.10	25	$ 3.67	53%	-
Lodging	Cooling DX	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	New	0.10	25	$ 3.67	60%	-
Lodging	Cooling DX	Window - Metal Framing	U-Value = 0.55 (Code Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	0.11	25	$ 27.83	10%	-
Lodging	Cooling DX	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	Existing	0.07	25	$ 2.08	12%	-
Lodging	Cooling DX	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	New	0.07	25	$ 2.08	14%	-
Lodging	Cooling DX	Window - Non-Metal Framing	U-Value = 0.35 (Code Non-Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	0.33	25	$ 42.42	12%	-

Lodging	Cooling DX	Window Air Conditioner	CEE TIER 1 = 11.3 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Window AC	Existing	296.64	9	$ 406.80	45%	-
Lodging	Cooling DX	Window Air Conditioner	CEE TIER 1 = 11.3 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Window AC	New	296.64	9	$ 406.80	45%	-
Lodging	Cooling DX	Window Air Conditioner	CEE TIER 2 = 11.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Window AC	Existing	378.76	9	$ 771.98	48%	-
Lodging	Cooling DX	Window Air Conditioner	CEE TIER 2 = 11.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Window AC	New	378.76	9	$ 771.98	48%	-
Lodging	Cooling DX	Window Air Conditioner	ENERGY STAR = 10.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Window AC	Existing	206.92	9	$ 41.62	38%	40
Lodging	Cooling DX	Window Air Conditioner	ENERGY STAR = 10.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Window AC	New	206.92	9	$ 41.62	38%	2
Lodging	Dryer	Dryer - High Efficiency	High Efficiency Dryer	Standard Dryer	Per Building SqFt	Existing	0.30	12	$ 0.15	10%	-
Lodging	Dryer	Dryer - High Efficiency	High Efficiency Dryer	Standard Dryer	Per Building SqFt	New	0.31	12	$ 0.15	10%	3
Lodging	Dryer	Dryer - Standard	Standard Dryer	Standard Dryer	Per Building SqFt	Existing	-	12	$ 0.15	100%	-
Lodging	Dryer	Dryer - Standard	Standard Dryer	Standard Dryer	Per Building SqFt	New	-	12	$ 0.15	100%	-
Lodging	Ext Lighting	Exterior Lighting - Standard	Standard Exterior Lighting	Standard Exterior Lighting	Per Building SqFt	Existing	-	14	$ -	100%	-
Lodging	Ext Lighting	Exterior Lighting - Standard	Standard Exterior Lighting	Standard Exterior Lighting	Per Building SqFt	New	-	14	$ -	100%	-
Lodging	Ext Lighting	Lighting - LED Lighting Package	Exterior LED Lighting Package	Standard Lighting	Per Lighting Package	Existing	46.93	13	$ 2,232.55	66%	-
Lodging	Ext Lighting	Lighting - High Intensity Discharge	High Efficiency Metal Halide Lighting Packages	Standard HID Lighting	Per Lighting Package	Existing	20.22	5	$ 114.40	62%	-
Lodging	Ext Lighting	Lighting - Induction Lighting Package	Induction Lighting Package	Standard HID Lighting	Per Lighting Package	Existing	57.48	13	$ 557.20	67%	-
Lodging	Fax	Fax - ENERGY STAR	ENERGY STAR Fax	Standard Fax	Per Building SqFt	Existing	0.00	6	$ 0.00	100%	13
Lodging	Fax	Fax - ENERGY STAR	ENERGY STAR Fax	Standard Fax	Per Building SqFt	New	0.00	6	$ 0.00	100%	1
Lodging	Fax	Fax - Standard	Standard Fax	Standard Fax	Per Building SqFt	Existing	-	6	$ -	100%	-
Lodging	Fax	Fax - Standard	Standard Fax	Standard Fax	Per Building SqFt	New	-	6	$ -	100%	-
Lodging	Flat Screen	Monitor - ENERGY STAR Flat Screen	ENERGY STAR Flat Screen Monitor	Standard Flat Screen Monitor	Per Building SqFt	Existing	0.00	4	$ 0.00	100%	-
Lodging	Flat Screen	Monitor - ENERGY STAR Flat Screen	ENERGY STAR Flat Screen Monitor	Standard Flat Screen Monitor	Per Building SqFt	New	0.00	4	$ 0.00	100%	-
Lodging	Flat Screen	Monitor - Standard Flat Screen	Standard Flat Screen Monitor	Standard Flat Screen Monitor	Per Building SqFt	Existing	-	4	$ -	100%	-
Lodging	Flat Screen	Monitor - Standard Flat Screen	Standard Flat Screen Monitor	Standard Flat Screen Monitor	Per Building SqFt	New	-	4	$ -	100%	-
Lodging	Freezers	Freezer - 2014 Federal Standard	2014 Standard Freezer	Standard Freezer	Per Building SqFt	Existing	0.01	12	$ 0.00	100%	-
Lodging	Freezers	Freezer - 2014 Federal Standard	2014 Standard Freezer	Standard Freezer	Per Building SqFt	New	0.01	12	$ 0.00	100%	-
Lodging	Freezers	Freezer - Below Standard	Below Standard Freezer	Below Standard Freezer	Per Building SqFt	Existing	-	12	$ -	100%	-
Lodging	Freezers	Freezer - Below Standard	Below Standard Freezer	Below Standard Freezer	Per Building SqFt	New	-	12	$ -	100%	-
Lodging	Freezers	Freezer - ENERGY STAR	ENERGY STAR Freezer	Standard Freezer	Per Building SqFt	Existing	0.00	12	$ 0.01	100%	-
Lodging	Freezers	Freezer - ENERGY STAR	ENERGY STAR Freezer	Standard Freezer	Per Building SqFt	New	0.00	12	$ 0.01	100%	-
Lodging	Freezers	Freezer - Standard	Standard Freezer	Standard Freezer	Per Building SqFt	Existing	-	12	$ -	100%	-
Lodging	Freezers	Freezer - Standard	Standard Freezer	Standard Freezer	Per Building SqFt	New	-	12	$ -	100%	-
Lodging	HVAC Aux	Cooling Tower-Two-Speed Fan Motor	Cooling Tower-Two-Speed Fan Motor	Cooling Tower-One-Speed Fan Motor	Per Chiller Ton	Existing	35.73	15	$ 2.35	33%	133
Lodging	HVAC Aux	Cooling Tower-VSD Fan Control	Variable-Speed Tower Fans Replace Two-	Cooling Tower-One-Speed Fan Motor	Per Chiller Ton	Existing	10.21	13	$ 19.00	71%	-
Lodging	HVAC Aux	Cooling Tower-VSD Fan Control	Variable-Speed Tower Fans Replace Two-	Cooling Tower-One-Speed Fan Motor	Per Chiller Ton	New	9.52	13	$ 19.00	11%	-
Lodging	HVAC Aux	Demand Controlled Ventilation - Range	For Range Hoods – VFD Controlled	No DCV	Per Range Hood	Existing	658.12	10	$12,500.00	34%	-
Lodging	HVAC Aux	Demand Controlled Ventilation - Range	For Range Hoods – VFD Controlled	No DCV	Per Range Hood	New	613.65	10	$ 6,500.00	34%	-
Lodging	HVAC Aux	ECM Motor	Central Air Conditioner ECM Fan	Standard Motor	Per ECM	Existing	206.99	15	$ 200.00	18%	25
Lodging	HVAC Aux	ECM Motor	Central Air Conditioner ECM Fan	Standard Motor	Per ECM	New	193.00	15	$ 200.00	27%	-
Lodging	HVAC Aux	ECM Motor	Electric Furnace ECM Fan	Standard Motor	Per ECM	Existing	206.99	15	$ 200.00	25%	33
Lodging	HVAC Aux	ECM Motor	Electric Furnace ECM Fan	Standard Motor	Per ECM	New	193.00	15	$ 200.00	36%	-
Lodging	HVAC Aux	ECM Motor	Gas Furnace ECM Fan (CEE Air Handling Ratio	Standard Motor	Per ECM	Existing	206.99	15	$ 200.00	37%	50
Lodging	HVAC Aux	ECM Motor	Gas Furnace ECM Fan (CEE Air Handling Ratio	Standard Motor	Per ECM	New	193.00	15	$ 200.00	54%	-
Lodging	HVAC Aux	HVAC Auxillary - Standard Equipment	Standard HVAC Auxillary	Standard HVAC Auxillary	Per Building SqFt	Existing	-	15	$ -	100%	-
Lodging	HVAC Aux	HVAC Auxillary - Standard Equipment	Standard HVAC Auxillary	Standard HVAC Auxillary	Per Building SqFt	New	-	15	$ -	100%	-
Lodging	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 1-15 HP, 1200-3600	NEMA Qualifying Standard Motor	Per Motor	Existing	75.68	15	$ 274.24	67%	-
Lodging	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 1-15 HP, 1200-3600	NEMA Qualifying Standard Motor	Per Motor	New	75.68	15	$ 274.24	67%	-
Lodging	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 125-200 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	Existing	2,066.69	15	$ 2,036.86	0%	-
Lodging	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 125-200 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	New	518.91	15	$ 2,036.86	9%	-
Lodging	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 20-40 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	Existing	518.91	15	$ 678.39	9%	-
Lodging	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 20-40 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	New	1,143.16	15	$ 678.39	1%	0
Lodging	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 250-500 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	Existing	5,959.61	15	$ 4,197.32	0%	0
Lodging	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 250-500 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	New	2,066.69	15	$ 4,197.32	0%	-
Lodging	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 50-100 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	Existing	1,143.16	15	$ 1,375.63	1%	-
Lodging	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 50-100 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	New	5,959.61	15	$ 1,375.63	0%	0
Lodging	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 1-15 HP	Constant Speed Motor	Per Building	Existing	3,509.99	15	$ 776.91	67%	383
Lodging	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 1-15 HP	Constant Speed Motor	Per Building	New	3,272.78	15	$ 776.91	67%	21
Lodging	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 125-200 HP	Constant Speed Motor	Per Building	Existing	3,509.99	15	$ 364.92	1%	3
Lodging	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 125-200 HP	Constant Speed Motor	Per Building	New	3,272.78	15	$ 364.92	1%	0
Lodging	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 20-40 HP	Constant Speed Motor	Per Building	Existing	3,509.99	15	$ 450.27	4%	25
Lodging	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 20-40 HP	Constant Speed Motor	Per Building	New	3,272.78	15	$ 450.27	4%	1
Lodging	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 250-500 HP	Constant Speed Motor	Per Building	Existing	3,509.99	15	$ 276.93	0%	1
Lodging	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 250-500 HP	Constant Speed Motor	Per Building	New	3,272.78	15	$ 276.93	0%	0
Lodging	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 50-100 HP	Constant Speed Motor	Per Building	Existing	3,509.99	15	$ 554.73	1%	8

Lodging	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 50-100 HP	Constant Speed Motor	Per Building	New	3,272.78	15	$ 554.73	1%	0
Lodging	Heat Pump	Commissioning	Commissioning/QI - New Installation	No Commissioning	Per SqFt	New	1.09	7	$ 1.16	90%	-
Lodging	Heat Pump	Cool Roofs	ENERGY STAR Cool Roof - Reflect Material	Standard Roof	Per Roof Area SqFt	Existing	0.18	15	$ 0.68	44%	-
Lodging	Heat Pump	Cool Roofs	ENERGY STAR Cool Roof - Reflect Material	Standard Roof	Per Roof Area SqFt	New	0.12	15	$ 0.68	44%	-
Lodging	Heat Pump	Demand Controlled Ventilation	Demand Controlled Ventilation - DCV	Constant Ventilation	Per Sensor	Existing	1,462.72	15	$ 450.00	16%	288
Lodging	Heat Pump	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	Existing	34,211.84	5	$18,235.34	33%	-
Lodging	Heat Pump	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	New	34,396.48	5	$18,235.34	33%	-
Lodging	Heat Pump	Direct Digital Control System-	DDC Retrofit - EMS Upgrade	Pneumatic	Per Building	Existing	51,317.75	5	$52,958.13	6%	-
Lodging	Heat Pump	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	Existing	296.41	20	$ 477.04	76%	-
Lodging	Heat Pump	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	New	296.41	20	$ 477.04	76%	-
Lodging	Heat Pump	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	Existing	131.74	20	$ 60.58	62%	3
Lodging	Heat Pump	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	New	131.74	20	$ 60.58	62%	0
Lodging	Heat Pump	Duct Repair And Sealing	Reduction In Duct Losses to 5%	No Repair or Sealing, 15% duct losses	Per Building SqFt	Existing	0.25	18	$ 0.24	38%	44
Lodging	Heat Pump	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	Existing	15,395.33	10	$ 5,450.00	49%	87
Lodging	Heat Pump	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	New	15,478.41	10	$ 5,450.00	49%	5
Lodging	Heat Pump	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	Existing	0.18	30	$ 10.13	75%	-
Lodging	Heat Pump	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	New	0.12	30	$ 10.13	75%	-
Lodging	Heat Pump	Heat Pump - Below Standard	Below Standard Air Source Heat Pump 9.0 EER	Below Standard Air Source Heat Pump 9.0 EER	Per Building SqFt	Existing	-	15	$ -	100%	-
Lodging	Heat Pump	Heat Pump - Below Standard	Below Standard Air Source Heat Pump 9.0 EER	Below Standard Air Source Heat Pump 9.0 EER	Per Building SqFt	New	-	15	$ -	100%	-
Lodging	Heat Pump	Heat Pump - ENERGY STAR	ENERGY STAR Ground Source Heat Pump	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	Existing	1.33	15	$ 10.15	5%	-
Lodging	Heat Pump	Heat Pump - ENERGY STAR	ENERGY STAR Ground Source Heat Pump	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	New	1.19	15	$ 6.53	5%	-
Lodging	Heat Pump	Heat Pump - High Efficiency	High Efficiency Air Source Heat Pump 11.1 EER	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	Existing	0.28	15	$ 0.09	100%	65
Lodging	Heat Pump	Heat Pump - High Efficiency	High Efficiency Air Source Heat Pump 11.1 EER	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	New	0.27	15	$ 0.09	100%	7
Lodging	Heat Pump	Heat Pump - Premium Efficiency	Premium Efficiency Water Source Heat Pump	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	Existing	1.78	15	$ 0.48	5%	22
Lodging	Heat Pump	Heat Pump - Premium Efficiency	Premium Efficiency Water Source Heat Pump	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	New	1.86	15	$ 0.55	5%	3
Lodging	Heat Pump	Heat Pump - Standard	Federal Standard Air Source Heat Pump 10.6	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	Existing	-	15	$ -	100%	-
Lodging	Heat Pump	Heat Pump - Standard	Federal Standard Air Source Heat Pump 10.6	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	New	-	15	$ -	100%	-
Lodging	Heat Pump	Heat Pump - Variable Refrigerant Flow	Variable Refrigerant Flow System (VRF) - Heat	Packaged VAV With Electric Reheat	Per Ton	Existing	1,890.71	15	$ 540.00	33%	733
Lodging	Heat Pump	Heat Pump - Variable Refrigerant Flow	Variable Refrigerant Flow System (VRF) - Heat	Packaged VAV With Electric Reheat	Per Ton	New	1,900.91	15	$ 540.00	81%	103
Lodging	Heat Pump	Hotel Key Card Activated Systems	Key card system to control room HVAC and	No key card system to control room, manual	Per Control	Existing	324.15	15	$ 140.00	57%	129
Lodging	Heat Pump	Hotel Key Card Activated Systems	Key card system to control room HVAC and	No key card system to control room, manual	Per Control	New	352.18	15	$ 140.00	57%	8
Lodging	Heat Pump	Infiltration Control	Weather-Stripping	Standard Practice	Per Window SqFt	Existing	5.01	13	$ 0.39	9%	32
Lodging	Heat Pump	Insulation - Duct	New Duct Insulation (R-8) (Unconditioned	No Insulation	Per Surface Area of Duct	Existing	4.47	20	$ 2.61	15%	29
Lodging	Heat Pump	Insulation - Floor	R-30	Average Existing Insulation (R-10)	Per Floor Area SqFt	Existing	0.29	25	$ 1.82	29%	-
Lodging	Heat Pump	Insulation - Roof	R-20ci	Average Existing Insulation (R-10)	Per Roof Area SqFt	Existing	0.19	25	$ 1.77	13%	-
Lodging	Heat Pump	Insulation - Wall	R-13+R-7.5ci	Average Existing Insulation (R-10)	Per Wall Area SqFt	Existing	0.59	25	$ 1.84	33%	-
Lodging	Heat Pump	Package Terminal - Heat Pump	High Efficiency Package Terminal Air	Federal Standard Equipment	Per Ton	Existing	186.72	15	$ 150.01	33%	7
Lodging	Heat Pump	Package Terminal - Heat Pump	High Efficiency Package Terminal Air	Federal Standard Equipment	Per Ton	New	186.72	15	$ 150.01	33%	0
Lodging	Heat Pump	Retro-Commissioning	Retro-Commissioning	No Retro-Commissioning	Per SqFt	Existing	1.34	7	$ 0.30	90%	667
Lodging	Heat Pump	Thermostat Programmable	Setback Thermostat 5-1-1, 5-2 or 7-day	Manual Thermostat	Per Thermostat	Existing	1,710.59	15	$ 138.50	0%	-
Lodging	Heat Pump	Tune-up - Air Source Heat Pump	Air Source Heat Pump Maintenance (Tune-up)	Unmaintained Air Source Heat Pump	Per Ton	Existing	497.55	3	$ 48.00	48%	10
Lodging	Heat Pump	Tune-up - Ground Source Heat Pump	Ground Source Heat Pump Maintenance (Tune-	Unmaintained Ground Source Heat Pump	Per Ton	Existing	497.55	3	$ 48.00	48%	10
Lodging	Heat Pump	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	Existing	1.22	25	$ 3.67	53%	-
Lodging	Heat Pump	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	New	1.22	25	$ 3.67	60%	-
Lodging	Heat Pump	Window - Metal Framing	U-Value = 0.55 (Code Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	1.27	25	$ 27.83	10%	-
Lodging	Heat Pump	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	Existing	0.78	25	$ 2.08	12%	-
Lodging	Heat Pump	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	New	0.78	25	$ 2.08	14%	-
Lodging	Heat Pump	Window - Non-Metal Framing	U-Value = 0.35 (Code Non-Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	3.90	25	$ 42.42	12%	-
Lodging	Lighting	Bi-Level Control, Stairwell Lighting	Bi-Level Stairwell Occupancy Sensor Control,	Continuous Full Power Lighting in Stairways	Per Stairwell Lighting Control	Existing	403.86	9	$ 107.50	68%	908
Lodging	Lighting	Bi-Level Control, Stairwell Lighting	Bi-Level Stairwell Occupancy Sensor Control,	Continuous Full Power Lighting in Stairways	Per Stairwell Lighting Control	New	190.22	9	$ 107.50	68%	25
Lodging	Lighting	Ceiling Fans	ENERGY STAR Ceiling Fans with Light Kit	Standard Ceiling Fan	Per Ceiling Fan	Existing	98.55	10	$ 119.55	85%	-
Lodging	Lighting	Ceiling Fans	ENERGY STAR Ceiling Fans with Light Kit	Standard Ceiling Fan	Per Ceiling Fan	New	98.55	10	$ 119.55	85%	-
Lodging	Lighting	Daylighting Controls	Continuous Dimming, Fluorescent Fixtures (Day-	No Dimming Controls	Per Applicable SQFT of Dimmable Perimeter	Existing	2.83	9	$ 1.67	26%	1,855
Lodging	Lighting	Daylighting Controls	Continuous Dimming, Fluorescent Fixtures (Day-	No Dimming Controls	Per Applicable SQFT of Dimmable Perimeter	New	1.33	13	$ 1.67	0%	-
Lodging	Lighting	Daylighting Controls	Dual Level Switches, Fluorescent Fixtures	No Dimming Controls	Per Applicable SQFT of Dimmable Perimeter	Existing	1.16	9	$ 0.83	26%	-
Lodging	Lighting	Daylighting Controls	Dual Level Switches, Fluorescent Fixtures	No Dimming Controls	Per Applicable SQFT of Dimmable Perimeter	New	0.55	13	$ 0.83	0%	-
Lodging	Lighting	Exit Sign - LED	LED Exit Signs	CFL Exit Sign	Per Exit Sign	Existing	175.20	11	$ 68.22	52%	233
Lodging	Lighting	Exit Sign - Photoluminescent	Photoluminescent Exit Sign	LED Exit Sign	Per Exit Sign	Existing	35.04	13	$ 30.00	93%	84
Lodging	Lighting	Exit Sign - Photoluminescent	Photoluminescent Exit Sign	LED Exit Sign	Per Exit Sign	New	35.04	13	$ 30.00	93%	5
Lodging	Lighting	Hotel Key Card Activated Systems	Key card system to control room HVAC and	No key card system to control room, manual	Per Control	Existing	195.78	15	$ 140.00	57%	743
Lodging	Lighting	Hotel Key Card Activated Systems	Key card system to control room HVAC and	No key card system to control room, manual	Per Control	New	99.65	15	$ 140.00	57%	-
Lodging	Lighting	LED Refrigerated Case Lighting	LED Refrigerated Case Lighting	Fluorescent	Per Refrigerated Glass Case	Existing	280.32	13	$ 600.00	30%	-
Lodging	Lighting	LED Refrigerated Case Lighting	LED Refrigerated Case Lighting	Fluorescent	Per Refrigerated Glass Case	New	280.32	13	$ 600.00	30%	-

Lodging	Lighting	LED Strip Lighting	LED Strip Lighting (Non-Refrigerated)	Fluorescent	Per Linear Foot of Lighting	Existing	1.49	11	$ 2.99	78%	-
Lodging	Lighting	LED Strip Lighting	LED Strip Lighting (Non-Refrigerated)	Fluorescent	Per Linear Foot of Lighting	New	1.49	11	$ 2.99	78%	-
Lodging	Lighting	LightLouver Daylighting System	LightLouver Daylighting System	No Daylight System	Per Linear Feet of Window	Existing	49.82	9	$ 65.00	20%	-
Lodging	Lighting	Lighting - CFL Lamp Package	ENERGY STAR CFL	EISA Incandescent	Per Building	Existing	86,740.28	2	$ 199.96	68%	2,519
Lodging	Lighting	Lighting - Clock/Timer	Lighting Clock/Timer Commercial grade	No Time Clock	Per Lighting Control	Existing	1,439.02	9	$ 205.43	42%	696
Lodging	Lighting	Lighting - Fluorescent High	Fluorescent HP Lamps and Ballasts Packages	Standard Lighting	Per Lighting Package	Existing	6,818.72	13	$ 6,300.02	90%	211
Lodging	Lighting	Lighting - Fluorescent Reduced	Fluorescent RW Lamps and Ballasts Packages	Standard Lighting	Per Lighting Package	Existing	13,637.45	13	$ 4,982.19	76%	1,687
Lodging	Lighting	Lighting - Induction Lighting Package	Induction Lighting Package	Standard HID Lighting	Per Lighting Package	Existing	1,343.08	20	$17,181.07	38%	-
Lodging	Lighting	Lighting - LED Lamp Package	ENERGY STAR LED	EISA Incandescent	Per Lighting Package	Existing	#########	4	$ 9,321.52	73%	12,496
Lodging	Lighting	Lighting - LPD Package	LPD Reduction Package 15%	LPD Code	Per Lighting Package	New	14,598.60	15	$ 188.90	68%	26
Lodging	Lighting	Lighting - LPD Package	LPD Reduction Package 25%	LPD Code	Per Lighting Package	New	24,331.00	15	$ 357.05	71%	164
Lodging	Lighting	Lighting - Specialty Lamp Package	CFL and LED Specialty Lamp Package	Standard Incandescent	Per Lighting Package	Existing	1,539.38	2	$ 38.85	81%	202
Lodging	Lighting	Lighting - Standard	Standard Lighting	Standard Lighting	Per Building SqFt	Existing	-	14	$ -	100%	-
Lodging	Lighting	Lighting - Standard	Standard Lighting	Standard Lighting	Per Building SqFt	New	-	14	$ -	100%	-
Lodging	Lighting	Occupancy Sensor - High-Bay	Fixture-Mounted (Control > 150 Watts)	No Sensor	Per Lighting Control	Existing	795.09	14	$ 225.00	1%	2
Lodging	Lighting	Occupancy Sensor - High-Bay	Fixture-Mounted (Control > 150 Watts)	No Sensor	Per Lighting Control	New	374.50	14	$ 225.00	1%	0
Lodging	Lighting	Occupancy Sensor - Wall or Ceiling	Wall or Ceiling-Mounted (Control > 400 Watts)	No Sensor	Per Lighting Control	Existing	27.11	14	$ 225.00	30%	-
Lodging	Lighting	Occupancy Sensor - Wall or Ceiling	Wall or Ceiling-Mounted (Control > 400 Watts)	No Sensor	Per Lighting Control	New	12.77	14	$ 225.00	30%	-
Lodging	Other	Other - Standard	Standard Other Equipment	Standard Other Equipment	Per Building SqFt	Existing	-	10	$ -	100%	-
Lodging	Other	Other - Standard	Standard Other Equipment	Standard Other Equipment	Per Building SqFt	New	-	10	$ -	100%	-
Lodging	Other	Transformers	Transformers, Three-Phase Low-Voltage Dry-	Standard Efficiency Transformer NEMA TP-1-	Per Transformer	Existing	399.99	30	$ 851.00	50%	-
Lodging	Other	Transformers	Transformers, Three-Phase Low-Voltage Dry-	Standard Efficiency Transformer NEMA TP-1-	Per Transformer	New	399.99	30	$ 851.00	50%	-
Lodging	Other Plug	All-In-One Office Equipment	All-In-One ENERGY STAR Office Equipment	Non-ENERGY STAR Features	Per All-in-One Device	Existing	200.08	6	$ 218.33	68%	-
Lodging	Other Plug	All-In-One Office Equipment	All-In-One ENERGY STAR Office Equipment	Non-ENERGY STAR Features	Per All-in-One Device	New	200.08	6	$ 218.33	68%	-
Lodging	Other Plug	Ceiling Fans	ENERGY STAR Ceiling Fans with Light Kit	Standard Ceiling Fan	Per Ceiling Fan	Existing	4.33	10	$ 119.55	85%	-
Lodging	Other Plug	Ceiling Fans	ENERGY STAR Ceiling Fans with Light Kit	Standard Ceiling Fan	Per Ceiling Fan	New	4.33	10	$ 119.55	85%	-
Lodging	Other Plug	Ceiling Fans	ENERGY STAR Ceiling Fans without Light Kit	Standard Ceiling Fan	Per Ceiling Fan	Existing	4.33	10	$ 1.46	85%	4
Lodging	Other Plug	Ceiling Fans	ENERGY STAR Ceiling Fans without Light Kit	Standard Ceiling Fan	Per Ceiling Fan	New	4.33	10	$ 1.46	85%	0
Lodging	Other Plug	Plug Load - Standard Equipment	Standard Plug Load	Standard Plug Load	Per Building SqFt	Existing	-	10	$ -	100%	-
Lodging	Other Plug	Plug Load - Standard Equipment	Standard Plug Load	Standard Plug Load	Per Building SqFt	New	-	10	$ -	100%	-
Lodging	Other Plug	Snow Melt System Control	Snow Melt System Control	Manual Control	Per Snow Melt Control	Existing	415.76	25	$ 2,782.00	5%	-
Lodging	Other Plug	Snow Melt System Control	Snow Melt System Control	Manual Control	Per Snow Melt Control	New	436.47	25	$ 2,782.00	0%	-
Lodging	Other Plug	Water Coolers	ENERGY STAR Water Cooler	Non-ENERGY STAR Water Cooler	Per Water Cooler	Existing	206.34	10	$ 5.00	4%	1
Lodging	Other Plug	Water Coolers	ENERGY STAR Water Cooler	Non-ENERGY STAR Water Cooler	Per Water Cooler	New	216.61	10	$ 5.00	4%	0
Lodging	Photo	Photo Copier - ENERGY STAR	ENERGY STAR Photo Copier	Standard Photo Copier	Per Building SqFt	Existing	0.00	6	$ 0.01	100%	-
Lodging	Photo	Photo Copier - ENERGY STAR	ENERGY STAR Photo Copier	Standard Photo Copier	Per Building SqFt	New	0.00	6	$ 0.01	100%	-
Lodging	Photo	Photo Copiers - Standard	Standard Photo Copier	Standard Photo Copier	Per Building SqFt	Existing	-	6	$ -	100%	-
Lodging	Photo	Photo Copiers - Standard	Standard Photo Copier	Standard Photo Copier	Per Building SqFt	New	-	6	$ -	100%	-
Lodging	Printers	Printers - ENERGY STAR	ENERGY STAR Printers	Standard Printers	Per Building SqFt	Existing	0.01	6	$ 0.00	100%	38
Lodging	Printers	Printers - ENERGY STAR	ENERGY STAR Printers	Standard Printers	Per Building SqFt	New	0.01	6	$ 0.00	100%	3
Lodging	Printers	Printers - Standard	Standard Printers	Standard Printers	Per Building SqFt	Existing	-	6	$ 0.00	100%	-
Lodging	Printers	Printers - Standard	Standard Printers	Standard Printers	Per Building SqFt	New	-	6	$ 0.00	100%	-
Lodging	Refrigeratio	Anti-Sweat Heater Controls	Variable Temperature Controls (Humidistat)	Constant Controls	Per Control (Weighted by Grocery	Existing	767.25	12	$ 78.84	88%	56
Lodging	Refrigeratio	Anti-Sweat Heater Controls	Variable Temperature Controls (Humidistat)	Constant Controls	Per Control (Weighted by Grocery	New	767.25	12	$ 78.84	22%	1
Lodging	Refrigeratio	Case Fans with ECM motors	ECM Motors on Evaporator Fan for Display	Standard Case Fan Motor	Per ECM (Weighted by Grocery	Existing	1,018.06	12	$ 243.00	37%	31
Lodging	Refrigeratio	Case Fans with ECM motors	ECM Motors on Evaporator Fan for Display	Standard Case Fan Motor	Per ECM (Weighted by Grocery	New	1,018.06	12	$ 243.00	37%	2
Lodging	Refrigeratio	Demand Control Defrost - Electric	Refrigerant Defrost	No Demand Control Defrost	Per Building SqFt	Existing	0.00	10	$ 0.10	41%	-
Lodging	Refrigeratio	Demand Control Defrost - Hot Gas	Refrigerant Defrost	No Demand Control Defrost	Per Building SqFt	Existing	0.01	10	$ 0.12	41%	-
Lodging	Refrigeratio	Evaporator Fans - Walk-ins	High-Efficiency Evaporator Fans, Walk-in	Standard Evaporator Fans	Per Walk-in Fan	Existing	435.00	15	$ 132.39	69%	83
Lodging	Refrigeratio	Evaporator Fans - Walk-ins	High-Efficiency Evaporator Fans, Walk-in	Standard Evaporator Fans	Per Walk-in Fan	New	435.00	15	$ 132.39	69%	5
Lodging	Refrigeratio	Ice Makers, Air Cooled	ENERGY STAR Qualified, Ice-Making Head	Standard Equipment	Per Ice Maker	Existing	1,197.10	10	$ 140.00	27%	158
Lodging	Refrigeratio	Ice Makers, Air Cooled	ENERGY STAR Qualified, Ice-Making Head	Standard Equipment	Per Ice Maker	New	1,197.10	10	$ 140.00	27%	9
Lodging	Refrigeratio	Ice Makers, Air Cooled	ENERGY STAR Qualified, Remote Condensing	Standard Equipment	Per Ice Maker	Existing	1,293.25	10	$ 5.00	27%	170
Lodging	Refrigeratio	Ice Makers, Air Cooled	ENERGY STAR Qualified, Remote Condensing	Standard Equipment	Per Ice Maker	New	1,293.25	10	$ 5.00	27%	10
Lodging	Refrigeratio	Ice Makers, Air Cooled	ENERGY STAR Qualified, Self-Contained	Standard Equipment	Per Ice Maker	Existing	317.99	10	$ 5.00	27%	4
Lodging	Refrigeratio	Ice Makers, Air Cooled	ENERGY STAR Qualified, Self-Contained	Standard Equipment	Per Ice Maker	New	317.99	10	$ 5.00	27%	0
Lodging	Refrigeratio	Ice Makers, Water-Cooled	Ice-Making Head - Water Cooled	Standard Equipment	Per Ice Maker	Existing	894.30	10	$ 1,000.00	27%	-
Lodging	Refrigeratio	Ice Makers, Water-Cooled	Ice-Making Head - Water Cooled	Standard Equipment	Per Ice Maker	New	894.30	10	$ 1,000.00	27%	-
Lodging	Refrigeratio	Ice Makers, Water-Cooled	Self-Contained - Water Cooled	Standard Equipment	Per Ice Maker	Existing	187.70	10	$ 850.00	27%	-
Lodging	Refrigeratio	Ice Makers, Water-Cooled	Self-Contained - Water Cooled	Standard Equipment	Per Ice Maker	New	187.70	10	$ 850.00	27%	-
Lodging	Refrigeratio	Night Covers for Display Cases	Night Covers for Display Cases	No Night Covers	Per Building	Existing	132.66	10	$ 613.97	10%	-
Lodging	Refrigeratio	Night Covers for Display Cases	Night Covers for Display Cases	No Night Covers	Per Building	New	136.68	10	$ 613.97	10%	-
Lodging	Refrigeratio	Novelty Cooler Shutoff	Cooler Shutoff with Controls System or Shutoff	No Cooler Shutoff	Per Cooler Case	Existing	69.50	10	$ 10.42	63%	4

Lodging	Refrigeratio	Novelty Cooler Shutoff	Cooler Shutoff with Controls System or Shutoff	No Cooler Shutoff	Per Cooler Case	New	69.50	10	$ 10.42	63%	0
Lodging	Refrigeratio	Occupancy Sensor - Refrigerated	Occupancy Sensor - Refrigerated Cases	No Sensor	Per Linear Foot of Refrigerated Display Case	Existing	20.45	8	$ 3.00	14%	2
Lodging	Refrigeratio	Occupancy Sensor - Refrigerated	Occupancy Sensor - Refrigerated Cases	No Sensor	Per Linear Foot of Refrigerated Display Case	New	20.45	8	$ 3.00	14%	0
Lodging	Refrigeratio	Refrigeration - Retro-Commissioning	Refrigeration Retro Commissioning	No Retro-Commissioning	Per Refrigeration Ton	Existing	26.01	10	$ 191.95	78%	-
Lodging	Refrigeratio	Refrigeration - Commissioning	Commissioning (Refrigeration System	No Commissioning	Per Refrigeration Ton	New	26.80	3	$ 49.60	87%	-
Lodging	Refrigeratio	Refrigeration - Standard	Standard Refrigeration	Standard Refrigeration	Per Building SqFt	Existing	-	14	$ -	100%	-
Lodging	Refrigeratio	Refrigeration - Standard	Standard Refrigeration	Standard Refrigeration	Per Building SqFt	New	-	14	$ -	100%	-
Lodging	Refrigeratio	Strip Curtains for Walk-Ins	Strip Curtains for Walk-Ins	No Strip Curtains for Walk-Ins	Per Walk-in	Existing	208.09	4	$ 300.00	27%	-
Lodging	Refrigeratio	Strip Curtains for Walk-Ins	Strip Curtains for Walk-Ins	No Strip Curtains for Walk-Ins	Per Walk-in	New	214.40	4	$ 300.00	27%	-
Lodging	Refrigerator	Refrigerator - 2014 Federal Standard	2014 Standard Refrigerator	Standard Refrigerator	Per Building SqFt	Existing	0.13	13	$ 0.41	100%	-
Lodging	Refrigerator	Refrigerator - 2014 Federal Standard	2014 Standard Refrigerator	Standard Refrigerator	Per Building SqFt	New	0.13	13	$ 0.41	100%	-
Lodging	Refrigerator	Refrigerator - Below Standard	Below Standard Refrigerator	Below Standard Refrigerator	Per Building SqFt	Existing	-	13	$ -	100%	-
Lodging	Refrigerator	Refrigerator - Below Standard	Below Standard Refrigerator	Below Standard Refrigerator	Per Building SqFt	New	-	13	$ -	100%	-
Lodging	Refrigerator	Refrigerator - CEE Tier 1	CEE Tier 1 Refrigerator	Standard Refrigerator	Per Building SqFt	Existing	0.16	13	$ 0.54	100%	-
Lodging	Refrigerator	Refrigerator - CEE Tier 1	CEE Tier 1 Refrigerator	Standard Refrigerator	Per Building SqFt	New	0.16	13	$ 0.54	100%	-
Lodging	Refrigerator	Refrigerator - CEE Tier 2	CEE Tier 2 Refrigerator	Standard Refrigerator	Per Building SqFt	Existing	0.07	13	$ 0.25	100%	-
Lodging	Refrigerator	Refrigerator - CEE Tier 2	CEE Tier 2 Refrigerator	Standard Refrigerator	Per Building SqFt	New	0.07	13	$ 0.25	100%	-
Lodging	Refrigerator	Refrigerator - ENERGY STAR	ENERGY STAR Refrigerator	Standard Refrigerator	Per Building SqFt	Existing	0.05	13	$ 0.11	100%	-
Lodging	Refrigerator	Refrigerator - ENERGY STAR	ENERGY STAR Refrigerator	Standard Refrigerator	Per Building SqFt	New	0.05	13	$ 0.11	100%	-
Lodging	Refrigerator	Refrigerator - Federal Standard	Standard Refrigerator	Standard Refrigerator	Per Building SqFt	Existing	-	13	$ -	100%	-
Lodging	Refrigerator	Refrigerator - Federal Standard	Standard Refrigerator	Standard Refrigerator	Per Building SqFt	New	-	13	$ -	100%	-
Lodging	Servers	Server - ENERGY STAR	ENERGY STAR Server	Standard Server	Per Building SqFt	Existing	0.00	9	$ 0.00	100%	7
Lodging	Servers	Server - ENERGY STAR	ENERGY STAR Server	Standard Server	Per Building SqFt	New	0.00	9	$ 0.00	100%	1
Lodging	Servers	Server - Standard	Standard Server	Standard Server	Per Building SqFt	Existing	-	9	$ -	100%	-
Lodging	Servers	Server - Standard	Standard Server	Standard Server	Per Building SqFt	New	-	9	$ -	100%	-
Lodging	Space Heat	Demand Controlled Ventilation	Demand Controlled Ventilation - DCV	Constant Ventilation	Per Sensor	Existing	493.20	15	$ 450.00	16%	-
Lodging	Space Heat	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	Existing	13,458.11	5	$24,507.39	33%	-
Lodging	Space Heat	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	New	21,108.12	5	$ 9,117.67	33%	-
Lodging	Space Heat	Direct Digital Control System-	DDC Retrofit - EMS Upgrade	Pneumatic	Per Building	Existing	20,187.17	5	$16,201.57	6%	-
Lodging	Space Heat	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	Existing	488.92	20	$ 477.04	76%	-
Lodging	Space Heat	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	New	488.92	20	$ 477.04	76%	-
Lodging	Space Heat	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	Existing	217.30	20	$ 60.58	62%	12
Lodging	Space Heat	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	New	217.30	20	$ 60.58	62%	1
Lodging	Space Heat	Duct Repair And Sealing	Reduction In Duct Losses to 5%	No Repair or Sealing, 15% duct losses	Per Building SqFt	Existing	0.10	18	$ 0.24	38%	-
Lodging	Space Heat	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	Existing	6,056.15	10	$ 5,450.00	49%	-
Lodging	Space Heat	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	New	9,498.65	10	$ 5,450.00	49%	-
Lodging	Space Heat	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	Existing	0.33	30	$ 10.13	75%	-
Lodging	Space Heat	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	New	0.52	30	$ 10.13	75%	-
Lodging	Space Heat	Hotel Key Card Activated Systems	Key card system to control room HVAC and	No key card system to control room, manual	Per Control	Existing	127.51	15	$ 140.00	57%	-
Lodging	Space Heat	Hotel Key Card Activated Systems	Key card system to control room HVAC and	No key card system to control room, manual	Per Control	New	216.12	15	$ 140.00	57%	11
Lodging	Space Heat	Infiltration Control	Weather-Stripping	Standard Practice	Per Window SqFt	Existing	2.24	13	$ 0.39	9%	33
Lodging	Space Heat	Insulation - Duct	New Duct Insulation (R-8) (Unconditioned	No Insulation	Per Surface Area of Duct	Existing	1.76	20	$ 2.61	15%	-
Lodging	Space Heat	Insulation - Floor	R-30	Average Existing Insulation (R-10)	Per Floor Area SqFt	Existing	0.48	25	$ 1.82	29%	-
Lodging	Space Heat	Insulation - Roof	R-20ci	Average Existing Insulation (R-10)	Per Roof Area SqFt	Existing	0.32	25	$ 1.77	13%	-
Lodging	Space Heat	Insulation - Wall	R-13+R-7.5ci	Average Existing Insulation (R-10)	Per Wall Area SqFt	Existing	0.97	25	$ 1.84	33%	-
Lodging	Space Heat	Space Heat - Standard	Standard Space Heat	Standard Space Heat	Per Building SqFt	Existing	-	20	$ -	100%	-
Lodging	Space Heat	Space Heat - Standard	Standard Space Heat	Standard Space Heat	Per Building SqFt	New	-	20	$ -	100%	-
Lodging	Space Heat	Thermostat Programmable	Setback Thermostat 5-1-1, 5-2 or 7-day	Manual Thermostat	Per Thermostat	Existing	672.91	15	$ 138.50	0%	-
Lodging	Space Heat	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	Existing	2.01	25	$ 3.67	53%	-
Lodging	Space Heat	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	New	2.01	25	$ 3.67	60%	-
Lodging	Space Heat	Window - Metal Framing	U-Value = 0.55 (Code Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	2.10	25	$ 27.83	10%	-
Lodging	Space Heat	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	Existing	1.29	25	$ 2.08	12%	-
Lodging	Space Heat	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	New	1.29	25	$ 2.08	14%	-
Lodging	Space Heat	Window - Non-Metal Framing	U-Value = 0.35 (Code Non-Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	6.43	25	$ 42.42	12%	-
Lodging	Vending	Vending Machine - Controller	Refrigerated Vending Machine Controller	No Controls	Per Vending Machine	Existing	1,394.81	3	$ 238.00	25%	108
Lodging	Vending	Vending Machine - Controller	Refrigerated Vending Machine Controller	No Controls	Per Vending Machine	New	1,394.81	3	$ 238.00	25%	5
Lodging	Vending	Vending Machine - ENERGY STAR	ENERGY STAR Vending Machine	Standard Vending Machine	Per Building SqFt	Existing	0.07	10	$ 0.01	100%	269
Lodging	Vending	Vending Machine - ENERGY STAR	ENERGY STAR Vending Machine	Standard Vending Machine	Per Building SqFt	New	0.07	10	$ 0.01	100%	24
Lodging	Vending	Vending Machine - Standard	Standard Vending Machine	Standard Vending Machine	Per Building SqFt	Existing	-	10	$ -	100%	-
Lodging	Vending	Vending Machine - Standard	Standard Vending Machine	Standard Vending Machine	Per Building SqFt	New	-	10	$ -	100%	-
Lodging	Water Heat	Clothes Washer	Commercial Ozonating Clothes Washer	Standard Commercial Clothes Washer	Per Clothes Washer	Existing	4,092.37	10	$ 5,944.20	33%	-
Lodging	Water Heat	Clothes Washer	Commercial Ozonating Clothes Washer	Standard Commercial Clothes Washer	Per Clothes Washer	New	4,092.37	10	$ 5,944.20	33%	-
Lodging	Water Heat	Clothes Washer	Residential Grade, Clothes Washer Enhanced	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	2,371.84	11	$ 789.72	56%	212

Lodging	Water Heat	Clothes Washer	Residential Grade, Clothes Washer Enhanced	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	2,371.84	11	$ 789.72	56%	10
Lodging	Water Heat	Clothes Washer	Residential Grade, Clothes Washer CEE Tier 2	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	1,707.40	11	$ 391.57	53%	-
Lodging	Water Heat	Clothes Washer	Residential Grade, Clothes Washer CEE Tier 2	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	1,707.40	11	$ 391.57	53%	-
Lodging	Water Heat	Clothes Washer	Residential Grade, Clothes Washer CEE Tier 3	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	1,898.12	11	$ 565.12	50%	103
Lodging	Water Heat	Clothes Washer	Residential Grade, Clothes Washer CEE Tier 3	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	1,898.12	11	$ 565.12	50%	5
Lodging	Water Heat	Clothes Washer	Residential Grade, Clothes Washer ENERGY	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	1,478.53	11	$ 134.79	47%	-
Lodging	Water Heat	Clothes Washer	Residential Grade, Clothes Washer ENERGY	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	1,478.53	11	$ 134.79	47%	-
Lodging	Water Heat	Desuperheaters - Air Conditioner	Add-on Desuperheaters to Air Conditioner	No Desuperheater	Per Desuperheater	Existing	772.79	10	$ 600.00	21%	-
Lodging	Water Heat	Desuperheaters - Air Source Heat	Add-on Desuperheaters to Air Source Heat	No Desuperheater	Per Desuperheater	Existing	4,831.61	10	$ 600.00	4%	42
Lodging	Water Heat	Desuperheaters - Ground Source Heat	Add-on Desuperheaters to Ground Source Heat	No Desuperheater	Per Desuperheater	Existing	4,831.61	10	$ 600.00	0%	1
Lodging	Water Heat	Dishwasher	Dishwasher Enhanced Efficiency (EF 1.00) 200	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	Existing	155.00	11	$ 1,067.33	62%	-
Lodging	Water Heat	Dishwasher	Dishwasher Enhanced Efficiency (EF 1.00) 200	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	New	155.00	11	$ 1,067.33	62%	-
Lodging	Water Heat	Dishwasher	ENERGY STAR 295 kWh/yr and 4.25	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	Existing	60.00	11	$ 272.18	52%	-
Lodging	Water Heat	Dishwasher	ENERGY STAR 295 kWh/yr and 4.25	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	New	60.00	11	$ 272.18	52%	-
Lodging	Water Heat	Dishwasher	High Temp Commercial High Efficiency	Standard High Temp Commercial Dishwasher	Per Dishwasher	Existing	8,329.59	14	$ 442.50	20%	56
Lodging	Water Heat	Dishwasher	High Temp Commercial High Efficiency	Standard High Temp Commercial Dishwasher	Per Dishwasher	New	8,329.59	14	$ 442.50	20%	3
Lodging	Water Heat	Dishwasher	Low-Temp Commercial Dishwasher (Includes	Standard High Temp Commercial Dishwasher	Per Dishwasher	Existing	13,045.36	14	$ 307.50	24%	121
Lodging	Water Heat	Dishwasher	Low-Temp Commercial Dishwasher (Includes	Standard High Temp Commercial Dishwasher	Per Dishwasher	New	13,045.36	14	$ 307.50	24%	5
Lodging	Water Heat	Drainwater Heat Recovery	Install Power-Pipe or GFX System	No GFX or Power-Pipe System	Per 40 Gal Water Heater	Existing	4,831.61	40	$ 833.35	60%	663
Lodging	Water Heat	Drainwater Heat Recovery	Install Power-Pipe or GFX System	No GFX or Power-Pipe System	Per 40 Gal Water Heater	New	4,831.61	40	$ 666.68	83%	44
Lodging	Water Heat	Faucet Aerator	0.5 GPM	Existing Aerator (3.0 GPM)	Per Aerator	Existing	105.69	10	$ 4.76	67%	274
Lodging	Water Heat	Low-Flow Showerheads	2.0 GPM	2.5 GPM Showerhead (Federal Code)	Per Showerhead	Existing	190.24	10	$ 8.29	85%	473
Lodging	Water Heat	Low-Flow Showerheads	2.0 GPM	2.5 GPM Showerhead (Federal Code)	Per Showerhead	New	190.24	10	$ 8.29	85%	22
Lodging	Water Heat	Low-Flow Showerheads	2.5 GPM Showerhead (Federal Code)	Existing Showerhead (4.5 GPM)	Per Showerhead	Existing	422.77	10	$ 31.27	10%	113
Lodging	Water Heat	Low-Flow Spray Heads	1.0 GPM	1.6 GPM (Code)	Per Spray Head	Existing	485.60	5	$ 39.09	38%	10
Lodging	Water Heat	Low-Flow Spray Heads	1.0 GPM	1.6 GPM (Code)	Per Spray Head	New	485.60	5	$ 39.09	38%	0
Lodging	Water Heat	Low-Flow Spray Heads	1.6 GPM (Code)	Existing Spray Head (2.5 GPM)	Per Spray Head	Existing	728.40	5	$ 30.00	25%	10
Lodging	Water Heat	Ultrasonic Faucet Control	Install Ultrasonic Faucet Control	No Faucet Control	Per Faucet	Existing	42.28	10	$ 196.25	81%	-
Lodging	Water Heat	Ultrasonic Faucet Control	Install Ultrasonic Faucet Control	No Faucet Control	Per Faucet	New	42.28	10	$ 196.25	81%	-
Lodging	Water Heat	Water Heater - Pipe Insulation	Hot Water Pipe Insulation (R-4)	No Pipe Insulation	Per Linear Foot	Existing	81.30	13	$ 2.10	56%	35
Lodging	Water Heat	Water Heater - Tank Blanket/Insulation	Install Insulation (R-11)	No Tank Insulation	Per Water Heater	Existing	966.32	7	$ 62.60	5%	10
Lodging	Water Heat	Water Heater - Thermostat Setback	Install Programmable Thermostat (120 Degrees)	No Thermostat Setback (130 Degrees)	Per Water Heater	Existing	3,286.81	4	$ 102.34	35%	232
Lodging	Water Heat	Water Heating - ENERGY STAR	ENERGY STAR Heat Pump Water Heater EF =	Standard Water Heater EF = 0.92	Per Building SqFt	Existing	2.29	13	$ 1.06	75%	1,375
Lodging	Water Heat	Water Heating - ENERGY STAR	ENERGY STAR Heat Pump Water Heater EF =	Standard Water Heater EF = 0.92	Per Building SqFt	New	2.29	13	$ 1.06	75%	143
Lodging	Water Heat	Water Heating - Storage 2015 Standard	2015 Standard Water Heater EF = 0.95	Standard Water Heater EF = 0.92	Per Building SqFt	Existing	0.11	13	$ 0.04	100%	22
Lodging	Water Heat	Water Heating - Storage 2015 Standard	2015 Standard Water Heater EF = 0.95	Standard Water Heater EF = 0.92	Per Building SqFt	New	0.11	13	$ 0.04	100%	2
Lodging	Water Heat	Water Heating - Storage Below	Below Standard Water Heater EF = 0.86	Below Standard Water Heater EF = 0.86	Per Building SqFt	Existing	-	13	$ -	100%	-
Lodging	Water Heat	Water Heating - Storage Below	Below Standard Water Heater EF = 0.86	Below Standard Water Heater EF = 0.86	Per Building SqFt	New	-	13	$ -	100%	-
Lodging	Water Heat	Water Heating - Storage Standard	Standard Water Heater EF = 0.92	Standard Water Heater EF = 0.92	Per Building SqFt	Existing	-	13	$ -	100%	-
Lodging	Water Heat	Water Heating - Storage Standard	Standard Water Heater EF = 0.92	Standard Water Heater EF = 0.92	Per Building SqFt	New	-	13	$ -	100%	-
Lodging	Water Heat	Water Heating - Tankless	Tankless Water Heater EF = 0.95	Standard Water Heater EF = 0.92	Per Building SqFt	Existing	0.26	13	$ 0.24	0%	-
Lodging	Water Heat	Water Heating - Tankless	Tankless Water Heater EF = 0.95	Standard Water Heater EF = 0.92	Per Building SqFt	New	0.26	13	$ 0.24	0%	-
Other	Computers	Computer - ENERGY STAR	ENERGY STAR Computer	Standard Computer	Per Building SqFt	Existing	0.05	4	$ 0.01	100%	2,313
Other	Computers	Computer - ENERGY STAR	ENERGY STAR Computer	Standard Computer	Per Building SqFt	New	0.05	4	$ 0.01	100%	138
Other	Computers	Computer - Standard	Standard Computer	Standard Computer	Per Building SqFt	Existing	-	4	$ -	100%	-
Other	Computers	Computer - Standard	Standard Computer	Standard Computer	Per Building SqFt	New	-	4	$ -	100%	-
Other	Computers	Office Computer Network Energy	Office Computer Network Energy Management	No Network Management	Per Computer	Existing	88.00	5	$ 12.00	81%	1,327
Other	Computers	Office Computer Network Energy	Office Computer Network Energy Management	No Network Management	Per Computer	New	88.00	5	$ 12.00	81%	76
Other	Cooking	Convection Oven	ENERGY STAR Convection Oven	Standard Oven	Per Convection Oven	Existing	21.97	15	$ 1,650.00	75%	-
Other	Cooking	Convection Oven	ENERGY STAR Convection Oven	Standard Oven	Per Convection Oven	New	22.64	15	$ 1,650.00	75%	-
Other	Cooking	Cooking - Standard Equipment	Standard Cooking Equipment	Standard Cooking Equipment	Per Building SqFt	Existing	-	12	$ -	100%	-
Other	Cooking	Cooking - Standard Equipment	Standard Cooking Equipment	Standard Cooking Equipment	Per Building SqFt	New	-	12	$ -	100%	-
Other	Cooking	Fryer	ENERGY STAR Fryer	Standard	Per Fryer	Existing	9.64	12	$ 1,271.00	18%	-
Other	Cooking	Fryer	ENERGY STAR Fryer	Standard	Per Fryer	New	9.94	12	$ 1,271.00	18%	-
Other	Cooking	Hot Food Holding Cabinets	ENERGY STAR Qualified (< 40 watts/cubic foot)	Standard Equipment	Per Hot Food Holding Cabinet	Existing	65.82	12	$ 1,500.00	30%	-
Other	Cooking	Hot Food Holding Cabinets	ENERGY STAR Qualified (< 40 watts/cubic foot)	Standard Equipment	Per Hot Food Holding Cabinet	New	67.83	12	$ 1,500.00	30%	-
Other	Cooking	Steam Cooker	ENERGY STAR Steam Cooker	Standard	Per Steam Cooker	Existing	159.29	12	$ 1,500.00	11%	-
Other	Cooking	Steam Cooker	ENERGY STAR Steam Cooker	Standard	Per Steam Cooker	New	164.14	12	$ 1,500.00	11%	-
Other	Cooling	Chiller - Below Code	Below Standard Chiller - 0.74 kW/ton	Below Standard Chiller - 0.74 kW/ton	Per Building SqFt	Existing	-	20	$ -	100%	-
Other	Cooling	Chiller - Below Code	Below Standard Chiller - 0.74 kW/ton	Below Standard Chiller - 0.74 kW/ton	Per Building SqFt	New	-	20	$ -	100%	-
Other	Cooling	Chiller - High Efficiency	High Efficiency Chiller - 0.63 kW/ton	Standard Chiller - 0.68 kW/ton	Per Building SqFt	Existing	0.11	20	$ 0.05	100%	-
Other	Cooling	Chiller - High Efficiency	High Efficiency Chiller - 0.63 kW/ton	Standard Chiller - 0.68 kW/ton	Per Building SqFt	New	0.09	20	$ 0.05	100%	-
Other	Cooling	Chiller - Pipe Insulation	Above Code (3" of Insulation, Approximately R-	Code (1.5" of Insulation, Approximately R-6)	Per Linear Foot of Insulation	Existing	4.66	15	$ 4.11	58%	77

Other	Cooling	Chiller - Pipe Insulation	Above Code (3" of Insulation, Approximately R-	Code (1.5" of Insulation, Approximately R-6)	Per Linear Foot of Insulation	New	3.68	15	$ 4.11	85%	5
Other	Cooling	Chiller - Pipe Insulation	Code (1.5" of Insulation, Approximately R-6)	No Insulation	Per Linear Foot of Insulation	Existing	4.66	15	$ 4.11	58%	77
Other	Cooling	Chiller - Premium Efficiency	Premium Efficiency Chiller - 0.58 kW/ton	Standard Chiller - 0.68 kW/ton	Per Building SqFt	Existing	0.23	20	$ 0.19	100%	483
Other	Cooling	Chiller - Premium Efficiency	Premium Efficiency Chiller - 0.58 kW/ton	Standard Chiller - 0.68 kW/ton	Per Building SqFt	New	0.18	20	$ 0.19	100%	62
Other	Cooling	Chiller - Standard	Standard Chiller - 0.68 kW/ton	Standard Chiller - 0.68 kW/ton	Per Building SqFt	Existing	-	20	$ -	100%	-
Other	Cooling	Chiller - Standard	Standard Chiller - 0.68 kW/ton	Standard Chiller - 0.68 kW/ton	Per Building SqFt	New	-	20	$ -	100%	-
Other	Cooling	Chiller - VSD Retrofit	Centrifugal Chiller - VSD Remodel for Existing	Constant Speed Motor	Per Ton	Existing	17.75	10	$ 70.41	38%	-
Other	Cooling	Chiller - Water Piping Loop with VSD	VSD for Secondary Chilled Water Loop	Primary Loop Only w/ Constant Speed Pump	Per Ton	Existing	33.54	10	$ 212.34	62%	-
Other	Cooling	Chiller - Water Reset	Install Chilled Water Reset	No Chilled Water Reset	Per Control Point	Existing	77.65	10	$ 681.34	90%	-
Other	Cooling	Chiller Air-Cooled	Chiller Air Cooled with Condenser 10.0 EER	Standard 9.562 EER	Per Ton	Existing	19.43	20	$ 112.70	7%	-
Other	Cooling	Chiller Air-Cooled	Chiller Air Cooled with Condenser 10.0 EER	Standard 9.562 EER	Per Ton	New	15.34	20	$ 112.70	7%	-
Other	Cooling	Commissioning	Commissioning/QI - New Installation	No Commissioning	Per SqFt	New	0.16	7	$ 1.16	95%	-
Other	Cooling	Cool Roofs	ENERGY STAR Cool Roof - Reflect Material	Standard Roof	Per Roof Area SqFt	Existing	0.16	15	$ 0.68	44%	-
Other	Cooling	Cool Roofs	ENERGY STAR Cool Roof - Reflect Material	Standard Roof	Per Roof Area SqFt	New	0.12	15	$ 0.68	44%	-
Other	Cooling	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	Existing	1,552.94	5	$ 4,375.00	33%	-
Other	Cooling	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	New	1,225.86	5	$ 4,375.00	33%	-
Other	Cooling	Direct Digital Control System-	DDC Retrofit - EMS Upgrade	Pneumatic	Per Building	Existing	2,329.41	5	$ 7,393.75	6%	-
Other	Cooling	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	Existing	17.72	20	$ 477.04	76%	-
Other	Cooling	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	New	17.72	20	$ 477.04	76%	-
Other	Cooling	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	Existing	7.88	20	$ 60.58	62%	8
Other	Cooling	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	New	7.88	20	$ 60.58	62%	0
Other	Cooling	Duct Repair And Sealing	Reduction In Duct Losses to 5%	No Repair or Sealing, 15% duct losses	Per Building SqFt	Existing	0.05	18	$ 0.24	1%	-
Other	Cooling	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	Existing	698.82	10	$ 5,450.00	4%	-
Other	Cooling	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	New	551.64	10	$ 5,450.00	4%	-
Other	Cooling	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	Existing	0.16	30	$ 10.13	75%	-
Other	Cooling	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	New	0.12	30	$ 10.13	75%	-
Other	Cooling	Infiltration Control	Weather-Stripping	Standard Practice	Per Window SqFt	Existing	0.48	13	$ 0.39	9%	24
Other	Cooling	Insulation - Duct	New Duct Insulation (R-8) (Unconditioned	No Insulation	Per Surface Area of Duct	Existing	0.83	20	$ 2.61	0%	-
Other	Cooling	Insulation - Roof	R-20ci	Average Existing Insulation (R-10)	Per Roof Area SqFt	Existing	0.01	25	$ 1.77	13%	-
Other	Cooling	Insulation - Wall	R-13+R-7.5ci	Average Existing Insulation (R-10)	Per Wall Area SqFt	Existing	0.04	25	$ 1.84	33%	-
Other	Cooling	Retro-Commissioning	Retro-Commissioning	No Retro-Commissioning	Per SqFt	Existing	0.25	7	$ 0.30	76%	1,056
Other	Cooling	Tune-up - Chiller	Chiller Maintenance (Tune-up)	Unmaintained Chiller	Per SqFt	Existing	0.16	3	$ 0.16	16%	-
Other	Cooling	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	Existing	0.07	25	$ 3.67	31%	-
Other	Cooling	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	New	0.07	25	$ 3.67	35%	-
Other	Cooling	Window - Metal Framing	U-Value = 0.55 (Code Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	0.08	25	$ 27.83	6%	-
Other	Cooling	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	Existing	0.05	25	$ 2.08	41%	-
Other	Cooling	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	New	0.05	25	$ 2.08	46%	-
Other	Cooling	Window - Non-Metal Framing	U-Value = 0.35 (Code Non-Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	0.23	25	$ 42.42	40%	-
Other	Cooling DX	Advanced Control Technology	Advanced Control Technologies for Packaged	Standard Controls	Per 5 Tons of Cooling	Existing	667.20	15	$ 4,920.00	15%	-
Other	Cooling DX	Commissioning	Commissioning/QI - New Installation	No Commissioning	Per SqFt	New	0.25	7	$ 1.16	90%	-
Other	Cooling DX	Cool Roofs	ENERGY STAR Cool Roof - Reflect Material	Standard Roof	Per Roof Area SqFt	Existing	0.27	15	$ 0.68	44%	-
Other	Cooling DX	Cool Roofs	ENERGY STAR Cool Roof - Reflect Material	Standard Roof	Per Roof Area SqFt	New	0.20	15	$ 0.68	44%	-
Other	Cooling DX	Data Center - Cooling Improvements	Data Center - Cooling Load Improvements	Standard Data Center Cooling System	Per Data Center SqFt	Existing	2.38	4	$ 17.00	0%	-
Other	Cooling DX	Data Center - Cooling Improvements	Data Center - Cooling Load Improvements	Standard Data Center Cooling System	Per Data Center SqFt	New	1.70	4	$ 17.00	0%	-
Other	Cooling DX	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	Existing	2,747.29	5	$14,651.71	18%	-
Other	Cooling DX	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	New	1,959.09	5	$ 4,375.00	18%	-
Other	Cooling DX	Direct Digital Control System-	DDC Retrofit - EMS Upgrade	Pneumatic	Per Building	Existing	4,120.94	5	$ 7,393.75	3%	-
Other	Cooling DX	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	Existing	24.79	20	$ 477.04	76%	-
Other	Cooling DX	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	New	24.79	20	$ 477.04	76%	-
Other	Cooling DX	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	Existing	11.02	20	$ 60.58	62%	63
Other	Cooling DX	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	New	11.02	20	$ 60.58	62%	4
Other	Cooling DX	Duct Repair And Sealing	Reduction In Duct Losses to 5%	No Repair or Sealing, 15% duct losses	Per Building SqFt	Existing	0.08	18	$ 0.24	38%	1,000
Other	Cooling DX	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	Existing	1,236.28	10	$ 5,450.00	4%	-
Other	Cooling DX	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	New	881.59	10	$ 5,450.00	4%	-
Other	Cooling DX	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	Existing	0.27	30	$ 10.13	75%	-
Other	Cooling DX	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	New	0.20	30	$ 10.13	75%	-
Other	Cooling DX	Infiltration Control	Weather-Stripping	Standard Practice	Per Window SqFt	Existing	0.85	13	$ 0.39	9%	287
Other	Cooling DX	Insulation - Duct	New Duct Insulation (R-8) (Unconditioned	No Insulation	Per Surface Area of Duct	Existing	1.47	20	$ 2.61	15%	670
Other	Cooling DX	Insulation - Floor	R-30	Average Existing Insulation (R-10)	Per Floor Area SqFt	Existing	0.02	25	$ 1.82	29%	-
Other	Cooling DX	Insulation - Roof	R-20ci	Average Existing Insulation (R-10)	Per Roof Area SqFt	Existing	0.02	25	$ 1.77	13%	-
Other	Cooling DX	Insulation - Wall	R-13+R-7.5ci	Average Existing Insulation (R-10)	Per Wall Area SqFt	Existing	0.05	25	$ 1.84	33%	-
Other	Cooling DX	Package Terminal - Air Conditioner	High Efficiency Package Terminal Air	Federal Standard Equipment	Per Package Terminal AC	Existing	82.18	9	$ 88.00	7%	9
Other	Cooling DX	Package Terminal - Air Conditioner	High Efficiency Package Terminal Air	Federal Standard Equipment	Per Package Terminal AC	New	82.18	9	$ 88.00	7%	1

Other	Cooling DX	Retro-Commissioning	Retro-Commissioning	No Retro-Commissioning	Per SqFt	Existing	0.44	7	$ 0.30	90%	15,262
Other	Cooling DX	Rooftop DX Unit - Below Standard	Below Standard 9.5 EER, Air-Cooled = 135 and	Below Standard 9.5 EER, Air-Cooled = 135 and	Per Building SqFt	Existing	-	15	$ -	100%	-
Other	Cooling DX	Rooftop DX Unit - Below Standard	Below Standard 9.5 EER, Air-Cooled = 135 and	Below Standard 9.5 EER, Air-Cooled = 135 and	Per Building SqFt	New	-	15	$ -	100%	-
Other	Cooling DX	Rooftop DX Unit - CEE Tier 1	CEE Tier 1 11.5 EER, Air-Cooled = 135 and <	Federal Standard 11.0 EER, Air-Cooled = 135	Per Building SqFt	Existing	0.12	15	$ 0.08	100%	-
Other	Cooling DX	Rooftop DX Unit - CEE Tier 1	CEE Tier 1 11.5 EER, Air-Cooled = 135 and <	Federal Standard 11.0 EER, Air-Cooled = 135	Per Building SqFt	New	0.09	15	$ 0.08	100%	-
Other	Cooling DX	Rooftop DX Unit - CEE Tier 2	CEE Tier 2 12.0 EER, Air-Cooled = 135 and <	Federal Standard 11.0 EER, Air-Cooled = 135	Per Building SqFt	Existing	0.23	15	$ 0.14	100%	3,802
Other	Cooling DX	Rooftop DX Unit - CEE Tier 2	CEE Tier 2 12.0 EER, Air-Cooled = 135 and <	Federal Standard 11.0 EER, Air-Cooled = 135	Per Building SqFt	New	0.16	15	$ 0.14	100%	394
Other	Cooling DX	Rooftop DX Unit - Standard	Federal Standard 11.0 EER, Air-Cooled = 135	Federal Standard 11.0 EER, Air-Cooled = 135	Per Building SqFt	Existing	-	15	$ -	100%	-
Other	Cooling DX	Rooftop DX Unit - Standard	Federal Standard 11.0 EER, Air-Cooled = 135	Federal Standard 11.0 EER, Air-Cooled = 135	Per Building SqFt	New	-	15	$ -	100%	-
Other	Cooling DX	Thermostat Programmable	Setback Thermostat 5-1-1, 5-2 or 7-day	Manual Thermostat	Per Thermostat	Existing	824.19	15	$ 138.50	77%	2,528
Other	Cooling DX	Tune-up - Air Conditioner	Air Conditioner Maintenance (Tune-up)	Unmaintained Air Conditioner	Per Ton	Existing	78.49	3	$ 48.00	48%	-
Other	Cooling DX	Variable Air-Volume Systems	Install Variable Air-Volume System	Constant Volume System	Per Building SqFt	Existing	0.82	15	$ 1.19	10%	3,194
Other	Cooling DX	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	Existing	0.10	25	$ 3.67	31%	-
Other	Cooling DX	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	New	0.10	25	$ 3.67	35%	-
Other	Cooling DX	Window - Metal Framing	U-Value = 0.55 (Code Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	0.11	25	$ 27.83	6%	-
Other	Cooling DX	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	Existing	0.07	25	$ 2.08	41%	-
Other	Cooling DX	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	New	0.07	25	$ 2.08	46%	-
Other	Cooling DX	Window - Non-Metal Framing	U-Value = 0.35 (Code Non-Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	0.33	25	$ 42.42	40%	-
Other	Cooling DX	Window Air Conditioner	CEE TIER 1 = 11.3 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Window AC	Existing	130.56	9	$ 406.80	32%	-
Other	Cooling DX	Window Air Conditioner	CEE TIER 1 = 11.3 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Window AC	New	130.56	9	$ 406.80	32%	-
Other	Cooling DX	Window Air Conditioner	CEE TIER 2 = 11.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Window AC	Existing	166.70	9	$ 771.98	33%	-
Other	Cooling DX	Window Air Conditioner	CEE TIER 2 = 11.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Window AC	New	166.70	9	$ 771.98	33%	-
Other	Cooling DX	Window Air Conditioner	ENERGY STAR = 10.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Window AC	Existing	91.07	9	$ 41.62	26%	46
Other	Cooling DX	Window Air Conditioner	ENERGY STAR = 10.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Window AC	New	91.07	9	$ 41.62	26%	3
Other	Dryer	Dryer - High Efficiency	High Efficiency Dryer	Standard Dryer	Per Building SqFt	Existing	1.27	12	$ 0.63	10%	-
Other	Dryer	Dryer - High Efficiency	High Efficiency Dryer	Standard Dryer	Per Building SqFt	New	1.31	12	$ 0.63	10%	105
Other	Dryer	Dryer - Standard	Standard Dryer	Standard Dryer	Per Building SqFt	Existing	-	12	$ 0.63	100%	-
Other	Dryer	Dryer - Standard	Standard Dryer	Standard Dryer	Per Building SqFt	New	-	12	$ 0.63	100%	-
Other	Ext Lighting	Exterior Lighting - Standard	Standard Exterior Lighting	Standard Exterior Lighting	Per Building SqFt	Existing	-	14	$ -	100%	-
Other	Ext Lighting	Exterior Lighting - Standard	Standard Exterior Lighting	Standard Exterior Lighting	Per Building SqFt	New	-	14	$ -	100%	-
Other	Ext Lighting	Lighting - LED Lighting Package	Exterior LED Lighting Package	Standard Lighting	Per Lighting Package	Existing	165.36	13	$ 152.38	66%	-
Other	Ext Lighting	Lighting - High Intensity Discharge	High Efficiency Metal Halide Lighting Packages	Standard HID Lighting	Per Lighting Package	Existing	71.25	5	$ 2.55	62%	104
Other	Ext Lighting	Lighting - Induction Lighting Package	Induction Lighting Package	Standard HID Lighting	Per Lighting Package	Existing	202.55	13	$ 34.09	67%	738
Other	Fax	Fax - ENERGY STAR	ENERGY STAR Fax	Standard Fax	Per Building SqFt	Existing	0.01	6	$ 0.00	100%	359
Other	Fax	Fax - ENERGY STAR	ENERGY STAR Fax	Standard Fax	Per Building SqFt	New	0.01	6	$ 0.00	100%	25
Other	Fax	Fax - Standard	Standard Fax	Standard Fax	Per Building SqFt	Existing	-	6	$ -	100%	-
Other	Fax	Fax - Standard	Standard Fax	Standard Fax	Per Building SqFt	New	-	6	$ -	100%	-
Other	Flat Screen	Monitor - ENERGY STAR Flat Screen	ENERGY STAR Flat Screen Monitor	Standard Flat Screen Monitor	Per Building SqFt	Existing	0.00	4	$ 0.00	100%	-
Other	Flat Screen	Monitor - ENERGY STAR Flat Screen	ENERGY STAR Flat Screen Monitor	Standard Flat Screen Monitor	Per Building SqFt	New	0.00	4	$ 0.00	100%	-
Other	Flat Screen	Monitor - Standard Flat Screen	Standard Flat Screen Monitor	Standard Flat Screen Monitor	Per Building SqFt	Existing	-	4	$ -	100%	-
Other	Flat Screen	Monitor - Standard Flat Screen	Standard Flat Screen Monitor	Standard Flat Screen Monitor	Per Building SqFt	New	-	4	$ -	100%	-
Other	Freezers	Freezer - 2014 Federal Standard	2014 Standard Freezer	Standard Freezer	Per Building SqFt	Existing	0.00	12	$ 0.00	100%	-
Other	Freezers	Freezer - 2014 Federal Standard	2014 Standard Freezer	Standard Freezer	Per Building SqFt	New	0.00	12	$ 0.00	100%	-
Other	Freezers	Freezer - Below Standard	Below Standard Freezer	Below Standard Freezer	Per Building SqFt	Existing	-	12	$ -	100%	-
Other	Freezers	Freezer - Below Standard	Below Standard Freezer	Below Standard Freezer	Per Building SqFt	New	-	12	$ -	100%	-
Other	Freezers	Freezer - ENERGY STAR	ENERGY STAR Freezer	Standard Freezer	Per Building SqFt	Existing	0.00	12	$ 0.00	100%	-
Other	Freezers	Freezer - ENERGY STAR	ENERGY STAR Freezer	Standard Freezer	Per Building SqFt	New	0.00	12	$ 0.00	100%	-
Other	Freezers	Freezer - Standard	Standard Freezer	Standard Freezer	Per Building SqFt	Existing	-	12	$ -	100%	-
Other	Freezers	Freezer - Standard	Standard Freezer	Standard Freezer	Per Building SqFt	New	-	12	$ -	100%	-
Other	HVAC Aux	Cooling Tower-Two-Speed Fan Motor	Cooling Tower-Two-Speed Fan Motor	Cooling Tower-One-Speed Fan Motor	Per Chiller Ton	Existing	63.86	15	$ 2.35	33%	4,071
Other	HVAC Aux	Cooling Tower-VSD Fan Control	Variable-Speed Tower Fans Replace Two-	Cooling Tower-One-Speed Fan Motor	Per Chiller Ton	Existing	18.25	13	$ 19.00	71%	100
Other	HVAC Aux	Cooling Tower-VSD Fan Control	Variable-Speed Tower Fans Replace Two-	Cooling Tower-One-Speed Fan Motor	Per Chiller Ton	New	12.30	13	$ 19.00	11%	-
Other	HVAC Aux	Demand Controlled Ventilation - Range	For Range Hoods – VFD Controlled	No DCV	Per Range Hood	Existing	598.67	10	$12,500.00	64%	-
Other	HVAC Aux	Demand Controlled Ventilation - Range	For Range Hoods – VFD Controlled	No DCV	Per Range Hood	New	403.56	10	$ 6,500.00	64%	-
Other	HVAC Aux	ECM Motor	Central Air Conditioner ECM Fan	Standard Motor	Per ECM	Existing	770.69	15	$ 200.00	44%	1,851
Other	HVAC Aux	ECM Motor	Central Air Conditioner ECM Fan	Standard Motor	Per ECM	New	519.51	15	$ 200.00	64%	106
Other	HVAC Aux	ECM Motor	Electric Furnace ECM Fan	Standard Motor	Per ECM	Existing	770.69	15	$ 200.00	5%	213
Other	HVAC Aux	ECM Motor	Electric Furnace ECM Fan	Standard Motor	Per ECM	New	519.51	15	$ 200.00	7%	12
Other	HVAC Aux	ECM Motor	Gas Furnace ECM Fan (CEE Air Handling Ratio	Standard Motor	Per ECM	Existing	770.69	15	$ 200.00	48%	2,025
Other	HVAC Aux	ECM Motor	Gas Furnace ECM Fan (CEE Air Handling Ratio	Standard Motor	Per ECM	New	519.51	15	$ 200.00	70%	116
Other	HVAC Aux	HVAC Auxillary - Standard Equipment	Standard HVAC Auxillary	Standard HVAC Auxillary	Per Building SqFt	Existing	-	15	$ -	100%	-
Other	HVAC Aux	HVAC Auxillary - Standard Equipment	Standard HVAC Auxillary	Standard HVAC Auxillary	Per Building SqFt	New	-	15	$ -	100%	-
Other	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 1-15 HP, 1200-3600	NEMA Qualifying Standard Motor	Per Motor	Existing	75.68	15	$ 274.24	67%	-

Other	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 1-15 HP, 1200-3600	NEMA Qualifying Standard Motor	Per Motor	New	75.68	15	$ 274.24	67%	-
Other	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 125-200 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	Existing	2,066.69	15	$ 2,036.86	0%	2
Other	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 125-200 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	New	518.91	15	$ 2,036.86	9%	-
Other	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 20-40 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	Existing	518.91	15	$ 678.39	9%	59
Other	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 20-40 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	New	1,143.16	15	$ 678.39	1%	0
Other	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 250-500 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	Existing	5,959.61	15	$ 4,197.32	0%	0
Other	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 250-500 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	New	2,066.69	15	$ 4,197.32	0%	-
Other	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 50-100 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	Existing	1,143.16	15	$ 1,375.63	1%	4
Other	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 50-100 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	New	5,959.61	15	$ 1,375.63	0%	0
Other	HVAC Aux	Optimized Variable Volume Lab Hood	Optimized Variable Volume Lab Hood Design	Constant Volume Lab Hood Design	Per Lab Hood	Existing	127.72	10	$ 1,705.00	64%	-
Other	HVAC Aux	Optimized Variable Volume Lab Hood	Optimized Variable Volume Lab Hood Design	Constant Volume Lab Hood Design	Per Lab Hood	New	86.09	10	$ 1,705.00	64%	-
Other	HVAC Aux	Variable Air-Volume Systems	Install Variable Air-Volume System	Constant Volume System	Per Building SqFt	Existing	0.19	15	$ 1.19	10%	-
Other	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 1-15 HP	Constant Speed Motor	Per Building	Existing	3,192.90	15	$ 706.72	67%	11,720
Other	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 1-15 HP	Constant Speed Motor	Per Building	New	2,152.30	15	$ 706.72	67%	461
Other	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 125-200 HP	Constant Speed Motor	Per Building	Existing	3,192.90	15	$ 331.95	1%	107
Other	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 125-200 HP	Constant Speed Motor	Per Building	New	2,152.30	15	$ 331.95	1%	4
Other	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 20-40 HP	Constant Speed Motor	Per Building	Existing	3,192.90	15	$ 409.59	4%	754
Other	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 20-40 HP	Constant Speed Motor	Per Building	New	2,152.30	15	$ 409.59	4%	30
Other	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 250-500 HP	Constant Speed Motor	Per Building	Existing	3,192.90	15	$ 251.91	0%	40
Other	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 250-500 HP	Constant Speed Motor	Per Building	New	2,152.30	15	$ 251.91	0%	2
Other	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 50-100 HP	Constant Speed Motor	Per Building	Existing	3,192.90	15	$ 504.62	1%	239
Other	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 50-100 HP	Constant Speed Motor	Per Building	New	2,152.30	15	$ 504.62	1%	9
Other	Heat Pump	Commissioning	Commissioning/QI - New Installation	No Commissioning	Per SqFt	New	0.88	7	$ 1.16	90%	-
Other	Heat Pump	Cool Roofs	ENERGY STAR Cool Roof - Reflect Material	Standard Roof	Per Roof Area SqFt	Existing	0.28	15	$ 0.68	44%	-
Other	Heat Pump	Cool Roofs	ENERGY STAR Cool Roof - Reflect Material	Standard Roof	Per Roof Area SqFt	New	0.18	15	$ 0.68	44%	-
Other	Heat Pump	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	Existing	8,634.08	5	$29,303.42	18%	-
Other	Heat Pump	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	New	6,772.48	5	$29,303.42	18%	-
Other	Heat Pump	Direct Digital Control System-	DDC Retrofit - EMS Upgrade	Pneumatic	Per Building	Existing	12,951.13	5	$14,787.50	3%	-
Other	Heat Pump	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	Existing	296.41	20	$ 477.04	76%	-
Other	Heat Pump	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	New	296.41	20	$ 477.04	76%	-
Other	Heat Pump	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	Existing	131.74	20	$ 60.58	62%	164
Other	Heat Pump	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	New	131.74	20	$ 60.58	62%	10
Other	Heat Pump	Duct Repair And Sealing	Reduction In Duct Losses to 5%	No Repair or Sealing, 15% duct losses	Per Building SqFt	Existing	0.26	18	$ 0.24	38%	517
Other	Heat Pump	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	Existing	3,885.34	10	$ 5,450.00	4%	-
Other	Heat Pump	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	New	3,047.62	10	$ 5,450.00	4%	-
Other	Heat Pump	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	Existing	0.28	30	$ 10.13	75%	-
Other	Heat Pump	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	New	0.18	30	$ 10.13	75%	-
Other	Heat Pump	Heat Pump - Below Standard	Below Standard Air Source Heat Pump 9.0 EER	Below Standard Air Source Heat Pump 9.0 EER	Per Building SqFt	Existing	-	15	$ -	100%	-
Other	Heat Pump	Heat Pump - Below Standard	Below Standard Air Source Heat Pump 9.0 EER	Below Standard Air Source Heat Pump 9.0 EER	Per Building SqFt	New	-	15	$ -	100%	-
Other	Heat Pump	Heat Pump - ENERGY STAR	ENERGY STAR Ground Source Heat Pump	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	Existing	1.60	15	$ 21.15	5%	-
Other	Heat Pump	Heat Pump - ENERGY STAR	ENERGY STAR Ground Source Heat Pump	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	New	1.22	15	$ 13.60	5%	-
Other	Heat Pump	Heat Pump - High Efficiency	High Efficiency Air Source Heat Pump 11.1 EER	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	Existing	0.30	15	$ 0.19	100%	786
Other	Heat Pump	Heat Pump - High Efficiency	High Efficiency Air Source Heat Pump 11.1 EER	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	New	0.23	15	$ 0.19	100%	68
Other	Heat Pump	Heat Pump - Premium Efficiency	Premium Efficiency Water Source Heat Pump	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	Existing	1.72	15	$ 1.00	5%	236
Other	Heat Pump	Heat Pump - Premium Efficiency	Premium Efficiency Water Source Heat Pump	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	New	1.37	15	$ 1.14	5%	21
Other	Heat Pump	Heat Pump - Standard	Federal Standard Air Source Heat Pump 10.6	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	Existing	-	15	$ -	100%	-
Other	Heat Pump	Heat Pump - Standard	Federal Standard Air Source Heat Pump 10.6	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	New	-	15	$ -	100%	-
Other	Heat Pump	Heat Pump - Variable Refrigerant Flow	Variable Refrigerant Flow System (VRF) - Heat	Packaged VAV With Electric Reheat	Per Ton	Existing	937.41	15	$ 540.00	33%	6,688
Other	Heat Pump	Heat Pump - Variable Refrigerant Flow	Variable Refrigerant Flow System (VRF) - Heat	Packaged VAV With Electric Reheat	Per Ton	New	735.30	15	$ 540.00	81%	878
Other	Heat Pump	Infiltration Control	Weather-Stripping	Standard Practice	Per Window SqFt	Existing	5.07	13	$ 0.39	9%	319
Other	Heat Pump	Insulation - Duct	New Duct Insulation (R-8) (Unconditioned	No Insulation	Per Surface Area of Duct	Existing	4.62	20	$ 2.61	15%	392
Other	Heat Pump	Insulation - Floor	R-30	Average Existing Insulation (R-10)	Per Floor Area SqFt	Existing	0.29	25	$ 1.82	29%	-
Other	Heat Pump	Insulation - Roof	R-20ci	Average Existing Insulation (R-10)	Per Roof Area SqFt	Existing	0.19	25	$ 1.77	13%	-
Other	Heat Pump	Insulation - Wall	R-13+R-7.5ci	Average Existing Insulation (R-10)	Per Wall Area SqFt	Existing	0.59	25	$ 1.84	33%	-
Other	Heat Pump	Package Terminal - Heat Pump	High Efficiency Package Terminal Air	Federal Standard Equipment	Per Ton	Existing	82.18	15	$ 150.01	10%	-
Other	Heat Pump	Package Terminal - Heat Pump	High Efficiency Package Terminal Air	Federal Standard Equipment	Per Ton	New	82.18	15	$ 150.01	10%	-
Other	Heat Pump	Retro-Commissioning	Retro-Commissioning	No Retro-Commissioning	Per SqFt	Existing	1.38	7	$ 0.30	90%	8,934
Other	Heat Pump	Thermostat Programmable	Setback Thermostat 5-1-1, 5-2 or 7-day	Manual Thermostat	Per Thermostat	Existing	2,590.23	15	$ 138.50	77%	1,487
Other	Heat Pump	Tune-up - Air Source Heat Pump	Air Source Heat Pump Maintenance (Tune-up)	Unmaintained Air Source Heat Pump	Per Ton	Existing	246.69	3	$ 48.00	48%	111
Other	Heat Pump	Tune-up - Ground Source Heat Pump	Ground Source Heat Pump Maintenance (Tune-	Unmaintained Ground Source Heat Pump	Per Ton	Existing	246.69	3	$ 48.00	48%	111
Other	Heat Pump	Variable Air-Volume Systems	Install Variable Air-Volume System	Constant Volume System	Per Building SqFt	Existing	1.61	15	$ 1.19	10%	1,165
Other	Heat Pump	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	Existing	1.22	25	$ 3.67	31%	-
Other	Heat Pump	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	New	1.22	25	$ 3.67	35%	-

Other	Heat Pump	Window - Metal Framing	U-Value = 0.55 (Code Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	1.27	25	$ 27.83	6%	-
Other	Heat Pump	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	Existing	0.78	25	$ 2.08	41%	-
Other	Heat Pump	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	New	0.78	25	$ 2.08	46%	-
Other	Heat Pump	Window - Non-Metal Framing	U-Value = 0.35 (Code Non-Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	3.90	25	$ 42.42	40%	-
Other	Lighting	Bi-Level Control, Stairwell Lighting	Bi-Level Stairwell Occupancy Sensor Control,	Continuous Full Power Lighting in Stairways	Per Stairwell Lighting Control	Existing	311.99	9	$ 107.50	68%	5,768
Other	Lighting	Bi-Level Control, Stairwell Lighting	Bi-Level Stairwell Occupancy Sensor Control,	Continuous Full Power Lighting in Stairways	Per Stairwell Lighting Control	New	205.72	9	$ 107.50	68%	222
Other	Lighting	Ceiling Fans	ENERGY STAR Ceiling Fans with Light Kit	Standard Ceiling Fan	Per Ceiling Fan	Existing	98.55	10	$ 119.55	85%	-
Other	Lighting	Ceiling Fans	ENERGY STAR Ceiling Fans with Light Kit	Standard Ceiling Fan	Per Ceiling Fan	New	98.55	10	$ 119.55	85%	-
Other	Lighting	Daylighting Controls	Continuous Dimming, Fluorescent Fixtures (Day-	No Dimming Controls	Per Applicable SQFT of Dimmable Perimeter	Existing	4.37	9	$ 1.67	47%	16,876
Other	Lighting	Daylighting Controls	Continuous Dimming, Fluorescent Fixtures (Day-	No Dimming Controls	Per Applicable SQFT of Dimmable Perimeter	New	2.88	13	$ 1.67	0%	-
Other	Lighting	Daylighting Controls	Dual Level Switches, Fluorescent Fixtures	No Dimming Controls	Per Applicable SQFT of Dimmable Perimeter	Existing	1.79	9	$ 0.83	47%	6,931
Other	Lighting	Daylighting Controls	Dual Level Switches, Fluorescent Fixtures	No Dimming Controls	Per Applicable SQFT of Dimmable Perimeter	New	1.18	13	$ 0.83	0%	-
Other	Lighting	Exit Sign - LED	LED Exit Signs	CFL Exit Sign	Per Exit Sign	Existing	175.20	11	$ 68.22	54%	2,444
Other	Lighting	Exit Sign - Photoluminescent	Photoluminescent Exit Sign	LED Exit Sign	Per Exit Sign	Existing	35.04	13	$ 30.00	93%	846
Other	Lighting	Exit Sign - Photoluminescent	Photoluminescent Exit Sign	LED Exit Sign	Per Exit Sign	New	35.04	13	$ 30.00	93%	49
Other	Lighting	LED Refrigerated Case Lighting	LED Refrigerated Case Lighting	Fluorescent	Per Refrigerated Glass Case	Existing	246.75	13	$ 600.00	57%	-
Other	Lighting	LED Refrigerated Case Lighting	LED Refrigerated Case Lighting	Fluorescent	Per Refrigerated Glass Case	New	246.75	13	$ 600.00	57%	-
Other	Lighting	LED Strip Lighting	LED Strip Lighting (Non-Refrigerated)	Fluorescent	Per Linear Foot of Lighting	Existing	0.66	11	$ 2.99	78%	-
Other	Lighting	LED Strip Lighting	LED Strip Lighting (Non-Refrigerated)	Fluorescent	Per Linear Foot of Lighting	New	0.66	11	$ 2.99	78%	-
Other	Lighting	LightLouver Daylighting System	LightLouver Daylighting System	No Daylight System	Per Linear Feet of Window	Existing	49.82	9	$ 65.00	40%	-
Other	Lighting	Lighting - CFL Lamp Package	ENERGY STAR CFL	EISA Incandescent	Per Building	Existing	5,551.40	2	$ 29.08	68%	5,426
Other	Lighting	Lighting - Clock/Timer	Lighting Clock/Timer Commercial grade	No Time Clock	Per Lighting Control	Existing	1,901.21	9	$ 205.43	42%	8,842
Other	Lighting	Lighting - Fluorescent High	Fluorescent HP Lamps and Ballasts Packages	Standard Lighting	Per Lighting Package	Existing	4,732.75	13	$ 8,474.10	90%	-
Other	Lighting	Lighting - Fluorescent Reduced	Fluorescent RW Lamps and Ballasts Packages	Standard Lighting	Per Lighting Package	Existing	9,465.50	13	$ 6,878.26	76%	39,406
Other	Lighting	Lighting - High Bay Fluorescent High	High Bay Fluorescent HO Packages	Standard HID Lighting	Per Lighting Package	Existing	8,488.86	15	$ 966.67	73%	21,458
Other	Lighting	Lighting - High Bay LED Package	High Bay LED Package	Standard HID Lighting	Per Lighting Package	Existing	5,577.27	20	$18,175.22	94%	-
Other	Lighting	Lighting - High Intensity Discharge	High Efficiency Metal Halide Lighting Packages	Standard HID Lighting	Per Lighting Package	Existing	3,443.82	15	$ 956.01	67%	-
Other	Lighting	Lighting - Induction Lighting Package	Induction Lighting Package	Standard HID Lighting	Per Lighting Package	Existing	9,515.82	20	$ 2,194.92	38%	19,808
Other	Lighting	Lighting - LED Lamp Package	ENERGY STAR LED	EISA Incandescent	Per Lighting Package	Existing	6,687.61	9	$ 1,355.49	73%	26,922
Other	Lighting	Lighting - LPD Package	LPD Reduction Package 15%	LPD Code	Per Lighting Package	New	7,714.43	15	$ 273.93	68%	462
Other	Lighting	Lighting - LPD Package	LPD Reduction Package 25%	LPD Code	Per Lighting Package	New	12,857.38	15	$ 1,410.11	71%	2,925
Other	Lighting	Lighting - Specialty Lamp Package	CFL and LED Specialty Lamp Package	Standard Incandescent	Per Lighting Package	Existing	1,220.29	3	$ 69.97	81%	5,398
Other	Lighting	Lighting - Standard	Standard Lighting	Standard Lighting	Per Building SqFt	Existing	-	14	$ -	100%	-
Other	Lighting	Lighting - Standard	Standard Lighting	Standard Lighting	Per Building SqFt	New	-	14	$ -	100%	-
Other	Lighting	Occupancy Sensor - High-Bay	Fixture-Mounted (Control > 150 Watts)	No Sensor	Per Lighting Control	Existing	1,228.48	14	$ 225.00	22%	7,887
Other	Lighting	Occupancy Sensor - High-Bay	Fixture-Mounted (Control > 150 Watts)	No Sensor	Per Lighting Control	New	810.01	14	$ 225.00	22%	303
Other	Lighting	Occupancy Sensor - Wall or Ceiling	Wall or Ceiling-Mounted (Control > 400 Watts)	No Sensor	Per Lighting Control	Existing	77.03	14	$ 225.00	55%	-
Other	Lighting	Occupancy Sensor - Wall or Ceiling	Wall or Ceiling-Mounted (Control > 400 Watts)	No Sensor	Per Lighting Control	New	50.79	14	$ 225.00	55%	-
Other	Other	Compressed Air Optimization	Compressed Air - Leak Audit, New	No Leak Audit And No New Compressor And	Per Compressor HP	Existing	281.82	10	$ 50.00	2%	-
Other	Other	Other - Standard	Standard Other Equipment	Standard Other Equipment	Per Building SqFt	Existing	-	10	$ -	100%	-
Other	Other	Other - Standard	Standard Other Equipment	Standard Other Equipment	Per Building SqFt	New	-	10	$ -	100%	-
Other	Other	Transformers	Transformers, Three-Phase Low-Voltage Dry-	Standard Efficiency Transformer NEMA TP-1-	Per Transformer	Existing	290.26	30	$ 807.00	50%	-
Other	Other	Transformers	Transformers, Three-Phase Low-Voltage Dry-	Standard Efficiency Transformer NEMA TP-1-	Per Transformer	New	290.26	30	$ 807.00	50%	-
Other	Other Plug	All-In-One Office Equipment	All-In-One ENERGY STAR Office Equipment	Non-ENERGY STAR Features	Per All-in-One Device	Existing	200.08	6	$ 218.33	68%	-
Other	Other Plug	All-In-One Office Equipment	All-In-One ENERGY STAR Office Equipment	Non-ENERGY STAR Features	Per All-in-One Device	New	200.08	6	$ 218.33	68%	-
Other	Other Plug	Ceiling Fans	ENERGY STAR Ceiling Fans with Light Kit	Standard Ceiling Fan	Per Ceiling Fan	Existing	4.33	10	$ 119.55	85%	-
Other	Other Plug	Ceiling Fans	ENERGY STAR Ceiling Fans with Light Kit	Standard Ceiling Fan	Per Ceiling Fan	New	4.33	10	$ 119.55	85%	-
Other	Other Plug	Ceiling Fans	ENERGY STAR Ceiling Fans without Light Kit	Standard Ceiling Fan	Per Ceiling Fan	Existing	4.33	10	$ 1.46	85%	41
Other	Other Plug	Ceiling Fans	ENERGY STAR Ceiling Fans without Light Kit	Standard Ceiling Fan	Per Ceiling Fan	New	4.33	10	$ 1.46	85%	2
Other	Other Plug	Plug Load - Standard Equipment	Standard Plug Load	Standard Plug Load	Per Building SqFt	Existing	-	10	$ -	100%	-
Other	Other Plug	Plug Load - Standard Equipment	Standard Plug Load	Standard Plug Load	Per Building SqFt	New	-	10	$ -	100%	-
Other	Other Plug	Snow Melt System Control	Snow Melt System Control	Manual Control	Per Snow Melt Control	Existing	200.79	25	$ 2,782.00	5%	-
Other	Other Plug	Snow Melt System Control	Snow Melt System Control	Manual Control	Per Snow Melt Control	New	208.88	25	$ 2,782.00	0%	-
Other	Other Plug	Water Coolers	ENERGY STAR Water Cooler	Non-ENERGY STAR Water Cooler	Per Water Cooler	Existing	73.04	10	$ 5.00	8%	30
Other	Other Plug	Water Coolers	ENERGY STAR Water Cooler	Non-ENERGY STAR Water Cooler	Per Water Cooler	New	75.98	10	$ 5.00	8%	2
Other	Photo	Photo Copier - ENERGY STAR	ENERGY STAR Photo Copier	Standard Photo Copier	Per Building SqFt	Existing	0.01	6	$ 0.03	100%	-
Other	Photo	Photo Copier - ENERGY STAR	ENERGY STAR Photo Copier	Standard Photo Copier	Per Building SqFt	New	0.01	6	$ 0.03	100%	-
Other	Photo	Photo Copiers - Standard	Standard Photo Copier	Standard Photo Copier	Per Building SqFt	Existing	-	6	$ -	100%	-
Other	Photo	Photo Copiers - Standard	Standard Photo Copier	Standard Photo Copier	Per Building SqFt	New	-	6	$ -	100%	-
Other	Printers	Printers - ENERGY STAR	ENERGY STAR Printers	Standard Printers	Per Building SqFt	Existing	0.02	6	$ 0.00	100%	735
Other	Printers	Printers - ENERGY STAR	ENERGY STAR Printers	Standard Printers	Per Building SqFt	New	0.02	6	$ 0.00	100%	51
Other	Printers	Printers - Standard	Standard Printers	Standard Printers	Per Building SqFt	Existing	-	6	$ 0.00	100%	-
Other	Printers	Printers - Standard	Standard Printers	Standard Printers	Per Building SqFt	New	-	6	$ 0.00	100%	-

Other	Refrigeratio	Anti-Sweat Heater Controls	Variable Temperature Controls (Humidistat)	Constant Controls	Per Control (Weighted by Grocery	Existing	767.25	12	$ 78.84	78%	283
Other	Refrigeratio	Anti-Sweat Heater Controls	Variable Temperature Controls (Humidistat)	Constant Controls	Per Control (Weighted by Grocery	New	767.25	12	$ 78.84	19%	4
Other	Refrigeratio	Case Fans with ECM motors	ECM Motors on Evaporator Fan for Display	Standard Case Fan Motor	Per ECM (Weighted by Grocery	Existing	1,018.06	12	$ 243.00	37%	177
Other	Refrigeratio	Case Fans with ECM motors	ECM Motors on Evaporator Fan for Display	Standard Case Fan Motor	Per ECM (Weighted by Grocery	New	1,018.06	12	$ 243.00	37%	10
Other	Refrigeratio	Demand Control Defrost - Electric	Refrigerant Defrost	No Demand Control Defrost	Per Building SqFt	Existing	0.00	10	$ 0.10	41%	-
Other	Refrigeratio	Demand Control Defrost - Hot Gas	Refrigerant Defrost	No Demand Control Defrost	Per Building SqFt	Existing	0.01	10	$ 0.12	41%	-
Other	Refrigeratio	Evaporator Fans - Walk-ins	High-Efficiency Evaporator Fans, Walk-in	Standard Evaporator Fans	Per Walk-in Fan	Existing	435.00	15	$ 132.39	69%	473
Other	Refrigeratio	Evaporator Fans - Walk-ins	High-Efficiency Evaporator Fans, Walk-in	Standard Evaporator Fans	Per Walk-in Fan	New	435.00	15	$ 132.39	69%	28
Other	Refrigeratio	Ice Makers, Air Cooled	ENERGY STAR Qualified, Ice-Making Head	Standard Equipment	Per Ice Maker	Existing	1,197.10	10	$ 140.00	4%	27
Other	Refrigeratio	Ice Makers, Air Cooled	ENERGY STAR Qualified, Ice-Making Head	Standard Equipment	Per Ice Maker	New	1,197.10	10	$ 140.00	4%	2
Other	Refrigeratio	Ice Makers, Air Cooled	ENERGY STAR Qualified, Remote Condensing	Standard Equipment	Per Ice Maker	Existing	1,293.25	10	$ 5.00	4%	29
Other	Refrigeratio	Ice Makers, Air Cooled	ENERGY STAR Qualified, Remote Condensing	Standard Equipment	Per Ice Maker	New	1,293.25	10	$ 5.00	4%	2
Other	Refrigeratio	Ice Makers, Air Cooled	ENERGY STAR Qualified, Self-Contained	Standard Equipment	Per Ice Maker	Existing	317.99	10	$ 5.00	4%	7
Other	Refrigeratio	Ice Makers, Air Cooled	ENERGY STAR Qualified, Self-Contained	Standard Equipment	Per Ice Maker	New	317.99	10	$ 5.00	4%	0
Other	Refrigeratio	Ice Makers, Water-Cooled	Ice-Making Head - Water Cooled	Standard Equipment	Per Ice Maker	Existing	894.30	10	$ 1,000.00	4%	-
Other	Refrigeratio	Ice Makers, Water-Cooled	Ice-Making Head - Water Cooled	Standard Equipment	Per Ice Maker	New	894.30	10	$ 1,000.00	4%	-
Other	Refrigeratio	Ice Makers, Water-Cooled	Self-Contained - Water Cooled	Standard Equipment	Per Ice Maker	Existing	187.70	10	$ 850.00	4%	-
Other	Refrigeratio	Ice Makers, Water-Cooled	Self-Contained - Water Cooled	Standard Equipment	Per Ice Maker	New	187.70	10	$ 850.00	4%	-
Other	Refrigeratio	Night Covers for Display Cases	Night Covers for Display Cases	No Night Covers	Per Building	Existing	22.44	10	$ 450.00	5%	-
Other	Refrigeratio	Night Covers for Display Cases	Night Covers for Display Cases	No Night Covers	Per Building	New	23.13	10	$ 450.00	5%	-
Other	Refrigeratio	Novelty Cooler Shutoff	Cooler Shutoff with Controls System or Shutoff	No Cooler Shutoff	Per Cooler Case	Existing	630.97	10	$ 94.65	63%	1,089
Other	Refrigeratio	Novelty Cooler Shutoff	Cooler Shutoff with Controls System or Shutoff	No Cooler Shutoff	Per Cooler Case	New	630.97	10	$ 94.65	63%	63
Other	Refrigeratio	Occupancy Sensor - Refrigerated	Occupancy Sensor - Refrigerated Cases	No Sensor	Per Linear Foot of Refrigerated Display Case	Existing	20.45	8	$ 3.00	14%	64
Other	Refrigeratio	Occupancy Sensor - Refrigerated	Occupancy Sensor - Refrigerated Cases	No Sensor	Per Linear Foot of Refrigerated Display Case	New	20.45	8	$ 3.00	14%	4
Other	Refrigeratio	Refrigeration - Retro-Commissioning	Refrigeration Retro Commissioning	No Retro-Commissioning	Per Refrigeration Ton	Existing	3.52	10	$ 191.95	78%	-
Other	Refrigeratio	Refrigeration - Commissioning	Commissioning (Refrigeration System	No Commissioning	Per Refrigeration Ton	New	3.63	3	$ 49.60	87%	-
Other	Refrigeratio	Refrigeration - Standard	Standard Refrigeration	Standard Refrigeration	Per Building SqFt	Existing	-	14	$ -	100%	-
Other	Refrigeratio	Refrigeration - Standard	Standard Refrigeration	Standard Refrigeration	Per Building SqFt	New	-	14	$ -	100%	-
Other	Refrigeratio	Strip Curtains for Walk-Ins	Strip Curtains for Walk-Ins	No Strip Curtains for Walk-Ins	Per Walk-in	Existing	35.20	4	$ 300.00	35%	-
Other	Refrigeratio	Strip Curtains for Walk-Ins	Strip Curtains for Walk-Ins	No Strip Curtains for Walk-Ins	Per Walk-in	New	36.28	4	$ 300.00	35%	-
Other	Refrigerator	Refrigerator - 2014 Federal Standard	2014 Standard Refrigerator	Standard Refrigerator	Per Building SqFt	Existing	0.03	13	$ 0.10	100%	-
Other	Refrigerator	Refrigerator - 2014 Federal Standard	2014 Standard Refrigerator	Standard Refrigerator	Per Building SqFt	New	0.03	13	$ 0.10	100%	-
Other	Refrigerator	Refrigerator - Below Standard	Below Standard Refrigerator	Below Standard Refrigerator	Per Building SqFt	Existing	-	13	$ -	100%	-
Other	Refrigerator	Refrigerator - Below Standard	Below Standard Refrigerator	Below Standard Refrigerator	Per Building SqFt	New	-	13	$ -	100%	-
Other	Refrigerator	Refrigerator - CEE Tier 1	CEE Tier 1 Refrigerator	Standard Refrigerator	Per Building SqFt	Existing	0.04	13	$ 0.14	100%	-
Other	Refrigerator	Refrigerator - CEE Tier 1	CEE Tier 1 Refrigerator	Standard Refrigerator	Per Building SqFt	New	0.04	13	$ 0.14	100%	-
Other	Refrigerator	Refrigerator - CEE Tier 2	CEE Tier 2 Refrigerator	Standard Refrigerator	Per Building SqFt	Existing	0.02	13	$ 0.06	100%	-
Other	Refrigerator	Refrigerator - CEE Tier 2	CEE Tier 2 Refrigerator	Standard Refrigerator	Per Building SqFt	New	0.02	13	$ 0.06	100%	-
Other	Refrigerator	Refrigerator - ENERGY STAR	ENERGY STAR Refrigerator	Standard Refrigerator	Per Building SqFt	Existing	0.01	13	$ 0.03	100%	-
Other	Refrigerator	Refrigerator - ENERGY STAR	ENERGY STAR Refrigerator	Standard Refrigerator	Per Building SqFt	New	0.01	13	$ 0.03	100%	-
Other	Refrigerator	Refrigerator - Federal Standard	Standard Refrigerator	Standard Refrigerator	Per Building SqFt	Existing	-	13	$ -	100%	-
Other	Refrigerator	Refrigerator - Federal Standard	Standard Refrigerator	Standard Refrigerator	Per Building SqFt	New	-	13	$ -	100%	-
Other	Servers	Data Center - High Efficiency Server	Data Center - ENERGY STAR Server	Conventional Server	Per Data Center Server	Existing	533.23	4	$ 766.00	81%	-
Other	Servers	Data Center - High Efficiency Server	Data Center - ENERGY STAR Server	Conventional Server	Per Data Center Server	New	533.23	4	$ 766.00	81%	-
Other	Servers	Data Center - Server Virtualization	Data Center - Server Virtualization Consolidate	Conventional Server Arrangement	Per Data Center Server	Existing	2,213.93	4	$15,333.00	27%	-
Other	Servers	Data Center - Server Virtualization	Data Center - Server Virtualization Consolidate	Conventional Server Arrangement	Per Data Center Server	New	2,213.93	4	$15,333.00	27%	-
Other	Servers	Server - ENERGY STAR	ENERGY STAR Server	Standard Server	Per Building SqFt	Existing	0.00	9	$ 0.00	100%	171
Other	Servers	Server - ENERGY STAR	ENERGY STAR Server	Standard Server	Per Building SqFt	New	0.00	9	$ 0.00	100%	14
Other	Servers	Server - Standard	Standard Server	Standard Server	Per Building SqFt	Existing	-	9	$ -	100%	-
Other	Servers	Server - Standard	Standard Server	Standard Server	Per Building SqFt	New	-	9	$ -	100%	-
Other	Space Heat	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	Existing	8,142.00	5	$ 9,117.67	18%	-
Other	Space Heat	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	New	8,038.80	5	$14,651.71	18%	-
Other	Space Heat	Direct Digital Control System-	DDC Retrofit - EMS Upgrade	Pneumatic	Per Building	Existing	12,213.00	5	$26,479.07	3%	-
Other	Space Heat	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	Existing	488.92	20	$ 477.04	76%	-
Other	Space Heat	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	New	488.92	20	$ 477.04	76%	-
Other	Space Heat	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	Existing	217.30	20	$ 60.58	62%	187
Other	Space Heat	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	New	217.30	20	$ 60.58	62%	11
Other	Space Heat	Duct Repair And Sealing	Reduction In Duct Losses to 5%	No Repair or Sealing, 15% duct losses	Per Building SqFt	Existing	0.24	18	$ 0.24	38%	-
Other	Space Heat	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	Existing	3,663.90	10	$ 5,450.00	4%	-
Other	Space Heat	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	New	3,617.46	10	$ 5,450.00	4%	-
Other	Space Heat	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	Existing	0.81	30	$ 10.13	75%	-
Other	Space Heat	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	New	0.80	30	$ 10.13	75%	-
Other	Space Heat	Infiltration Control	Weather-Stripping	Standard Practice	Per Window SqFt	Existing	5.89	13	$ 0.39	9%	256

Other	Space Heat	Insulation - Duct	New Duct Insulation (R-8) (Unconditioned	No Insulation	Per Surface Area of Duct	Existing	4.36	20	$ 2.61	15%	254
Other	Space Heat	Insulation - Floor	R-30	Average Existing Insulation (R-10)	Per Floor Area SqFt	Existing	0.48	25	$ 1.82	29%	-
Other	Space Heat	Insulation - Roof	R-20ci	Average Existing Insulation (R-10)	Per Roof Area SqFt	Existing	0.32	25	$ 1.77	13%	-
Other	Space Heat	Insulation - Wall	R-13+R-7.5ci	Average Existing Insulation (R-10)	Per Wall Area SqFt	Existing	0.97	25	$ 1.84	33%	-
Other	Space Heat	Space Heat - Standard	Standard Space Heat	Standard Space Heat	Per Building SqFt	Existing	-	20	$ -	100%	-
Other	Space Heat	Space Heat - Standard	Standard Space Heat	Standard Space Heat	Per Building SqFt	New	-	20	$ -	100%	-
Other	Space Heat	Thermostat Programmable	Setback Thermostat 5-1-1, 5-2 or 7-day	Manual Thermostat	Per Thermostat	Existing	2,442.60	15	$ 138.50	77%	966
Other	Space Heat	Variable Air-Volume Systems	Install Variable Air-Volume System	Constant Volume System	Per Building SqFt	Existing	1.06	15	$ 1.19	10%	-
Other	Space Heat	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	Existing	2.01	25	$ 3.67	31%	-
Other	Space Heat	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	New	2.01	25	$ 3.67	35%	-
Other	Space Heat	Window - Metal Framing	U-Value = 0.55 (Code Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	2.10	25	$ 27.83	6%	-
Other	Space Heat	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	Existing	1.29	25	$ 2.08	41%	-
Other	Space Heat	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	New	1.29	25	$ 2.08	46%	-
Other	Space Heat	Window - Non-Metal Framing	U-Value = 0.35 (Code Non-Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	6.43	25	$ 42.42	40%	-
Other	Vending	Vending Machine - Controller	Refrigerated Vending Machine Controller	No Controls	Per Vending Machine	Existing	1,394.81	3	$ 238.00	25%	537
Other	Vending	Vending Machine - Controller	Refrigerated Vending Machine Controller	No Controls	Per Vending Machine	New	1,394.81	3	$ 238.00	25%	27
Other	Vending	Vending Machine - ENERGY STAR	ENERGY STAR Vending Machine	Standard Vending Machine	Per Building SqFt	Existing	0.04	10	$ 0.01	100%	1,337
Other	Vending	Vending Machine - ENERGY STAR	ENERGY STAR Vending Machine	Standard Vending Machine	Per Building SqFt	New	0.04	10	$ 0.01	100%	117
Other	Vending	Vending Machine - Standard	Standard Vending Machine	Standard Vending Machine	Per Building SqFt	Existing	-	10	$ -	100%	-
Other	Vending	Vending Machine - Standard	Standard Vending Machine	Standard Vending Machine	Per Building SqFt	New	-	10	$ -	100%	-
Other	Water Heat	Clothes Washer	Commercial Ozonating Clothes Washer	Standard Commercial Clothes Washer	Per Clothes Washer	Existing	284.83	10	$ 5,944.20	2%	-
Other	Water Heat	Clothes Washer	Commercial Ozonating Clothes Washer	Standard Commercial Clothes Washer	Per Clothes Washer	New	284.83	10	$ 5,944.20	2%	-
Other	Water Heat	Clothes Washer	Residential Grade, Clothes Washer Enhanced	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	2,371.84	11	$ 789.72	14%	1,446
Other	Water Heat	Clothes Washer	Residential Grade, Clothes Washer Enhanced	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	2,371.84	11	$ 789.72	14%	69
Other	Water Heat	Clothes Washer	Residential Grade, Clothes Washer CEE Tier 2	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	1,707.40	11	$ 391.57	13%	1,120
Other	Water Heat	Clothes Washer	Residential Grade, Clothes Washer CEE Tier 2	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	1,707.40	11	$ 391.57	13%	53
Other	Water Heat	Clothes Washer	Residential Grade, Clothes Washer CEE Tier 3	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	1,898.12	11	$ 565.12	13%	1,100
Other	Water Heat	Clothes Washer	Residential Grade, Clothes Washer CEE Tier 3	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	1,898.12	11	$ 565.12	13%	53
Other	Water Heat	Clothes Washer	Residential Grade, Clothes Washer ENERGY	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	1,478.53	11	$ 134.79	12%	1,093
Other	Water Heat	Clothes Washer	Residential Grade, Clothes Washer ENERGY	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	1,478.53	11	$ 134.79	12%	51
Other	Water Heat	Desuperheaters - Air Conditioner	Add-on Desuperheaters to Air Conditioner	No Desuperheater	Per Desuperheater	Existing	376.51	10	$ 600.00	51%	-
Other	Water Heat	Desuperheaters - Air Source Heat	Add-on Desuperheaters to Air Source Heat	No Desuperheater	Per Desuperheater	Existing	2,353.97	10	$ 600.00	4%	133
Other	Water Heat	Desuperheaters - Ground Source Heat	Add-on Desuperheaters to Ground Source Heat	No Desuperheater	Per Desuperheater	Existing	2,353.97	10	$ 600.00	0%	4
Other	Water Heat	Dishwasher	Dishwasher Enhanced Efficiency (EF 1.00) 200	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	Existing	155.00	11	$ 1,067.33	10%	-
Other	Water Heat	Dishwasher	Dishwasher Enhanced Efficiency (EF 1.00) 200	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	New	155.00	11	$ 1,067.33	10%	-
Other	Water Heat	Dishwasher	ENERGY STAR 295 kWh/yr and 4.25	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	Existing	60.00	11	$ 272.18	8%	-
Other	Water Heat	Dishwasher	ENERGY STAR 295 kWh/yr and 4.25	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	New	60.00	11	$ 272.18	8%	-
Other	Water Heat	Dishwasher	High Temp Commercial High Efficiency	Standard High Temp Commercial Dishwasher	Per Dishwasher	Existing	2,372.95	14	$ 442.50	0%	17
Other	Water Heat	Dishwasher	High Temp Commercial High Efficiency	Standard High Temp Commercial Dishwasher	Per Dishwasher	New	2,372.95	14	$ 442.50	0%	1
Other	Water Heat	Dishwasher	Low-Temp Commercial Dishwasher (Includes	Standard High Temp Commercial Dishwasher	Per Dishwasher	Existing	3,716.38	14	$ 307.50	0%	37
Other	Water Heat	Dishwasher	Low-Temp Commercial Dishwasher (Includes	Standard High Temp Commercial Dishwasher	Per Dishwasher	New	3,716.38	14	$ 307.50	0%	2
Other	Water Heat	Drainwater Heat Recovery	Install Power-Pipe or GFX System	No GFX or Power-Pipe System	Per 40 Gal Water Heater	Existing	2,353.97	40	$ 833.35	60%	2,828
Other	Water Heat	Drainwater Heat Recovery	Install Power-Pipe or GFX System	No GFX or Power-Pipe System	Per 40 Gal Water Heater	New	2,353.97	40	$ 666.68	83%	186
Other	Water Heat	Faucet Aerator	0.5 GPM	Existing Aerator (3.0 GPM)	Per Aerator	Existing	73.56	10	$ 4.76	67%	1,102
Other	Water Heat	Low-Flow Showerheads	2.0 GPM	2.5 GPM Showerhead (Federal Code)	Per Showerhead	Existing	147.12	10	$ 8.29	13%	168
Other	Water Heat	Low-Flow Showerheads	2.0 GPM	2.5 GPM Showerhead (Federal Code)	Per Showerhead	New	147.12	10	$ 8.29	13%	8
Other	Water Heat	Low-Flow Showerheads	2.5 GPM Showerhead (Federal Code)	Existing Showerhead (4.5 GPM)	Per Showerhead	Existing	326.94	10	$ 31.27	3%	79
Other	Water Heat	Low-Flow Spray Heads	1.0 GPM	1.6 GPM (Code)	Per Spray Head	Existing	485.60	5	$ 39.09	8%	73
Other	Water Heat	Low-Flow Spray Heads	1.0 GPM	1.6 GPM (Code)	Per Spray Head	New	485.60	5	$ 39.09	8%	3
Other	Water Heat	Low-Flow Spray Heads	1.6 GPM (Code)	Existing Spray Head (2.5 GPM)	Per Spray Head	Existing	728.40	5	$ 30.00	5%	81
Other	Water Heat	Ultrasonic Faucet Control	Install Ultrasonic Faucet Control	No Faucet Control	Per Faucet	Existing	29.42	10	$ 196.25	90%	-
Other	Water Heat	Ultrasonic Faucet Control	Install Ultrasonic Faucet Control	No Faucet Control	Per Faucet	New	29.42	10	$ 196.25	90%	-
Other	Water Heat	Water Heater - Pipe Insulation	Hot Water Pipe Insulation (R-4)	No Pipe Insulation	Per Linear Foot	Existing	14.71	13	$ 2.10	56%	134
Other	Water Heat	Water Heater - Tank Blanket/Insulation	Install Insulation (R-11)	No Tank Insulation	Per Water Heater	Existing	470.79	7	$ 62.60	5%	41
Other	Water Heat	Water Heater - Thermostat Setback	Install Programmable Thermostat (120 Degrees)	No Thermostat Setback (130 Degrees)	Per Water Heater	Existing	1,601.34	4	$ 102.34	35%	987
Other	Water Heat	Water Heating - ENERGY STAR	ENERGY STAR Heat Pump Water Heater EF =	Standard Water Heater EF = 0.92	Per Building SqFt	Existing	0.65	13	$ 0.30	75%	5,216
Other	Water Heat	Water Heating - ENERGY STAR	ENERGY STAR Heat Pump Water Heater EF =	Standard Water Heater EF = 0.92	Per Building SqFt	New	0.65	13	$ 0.30	75%	523
Other	Water Heat	Water Heating - Storage 2015 Standard	2015 Standard Water Heater EF = 0.95	Standard Water Heater EF = 0.92	Per Building SqFt	Existing	0.03	13	$ 0.01	100%	85
Other	Water Heat	Water Heating - Storage 2015 Standard	2015 Standard Water Heater EF = 0.95	Standard Water Heater EF = 0.92	Per Building SqFt	New	0.03	13	$ 0.01	100%	9
Other	Water Heat	Water Heating - Storage Below	Below Standard Water Heater EF = 0.86	Below Standard Water Heater EF = 0.86	Per Building SqFt	Existing	-	13	$ -	100%	-
Other	Water Heat	Water Heating - Storage Below	Below Standard Water Heater EF = 0.86	Below Standard Water Heater EF = 0.86	Per Building SqFt	New	-	13	$ -	100%	-
Other	Water Heat	Water Heating - Storage Standard	Standard Water Heater EF = 0.92	Standard Water Heater EF = 0.92	Per Building SqFt	Existing	-	13	$ -	100%	-
Other	Water Heat	Water Heating - Storage Standard	Standard Water Heater EF = 0.92	Standard Water Heater EF = 0.92	Per Building SqFt	New	-	13	$ -	100%	-

Other	Water Heat	Water Heating - Tankless	Tankless Water Heater EF = 0.95	Standard Water Heater EF = 0.92	Per Building SqFt	Existing	0.07	13	$ 0.07	0%	-
Other	Water Heat	Water Heating - Tankless	Tankless Water Heater EF = 0.95	Standard Water Heater EF = 0.92	Per Building SqFt	New	0.07	13	$ 0.07	0%	-
Restaurant	Computers	Computer - ENERGY STAR	ENERGY STAR Computer	Standard Computer	Per Building SqFt	Existing	0.03	4	$ 0.01	100%	199
Restaurant	Computers	Computer - ENERGY STAR	ENERGY STAR Computer	Standard Computer	Per Building SqFt	New	0.03	4	$ 0.01	100%	12
Restaurant	Computers	Computer - Standard	Standard Computer	Standard Computer	Per Building SqFt	Existing	-	4	$ -	100%	-
Restaurant	Computers	Computer - Standard	Standard Computer	Standard Computer	Per Building SqFt	New	-	4	$ -	100%	-
Restaurant	Cooking	Convection Oven	ENERGY STAR Convection Oven	Standard Oven	Per Convection Oven	Existing	365.08	15	$ 1,650.00	75%	-
Restaurant	Cooking	Convection Oven	ENERGY STAR Convection Oven	Standard Oven	Per Convection Oven	New	376.64	15	$ 1,650.00	75%	-
Restaurant	Cooking	Cooking - Standard Equipment	Standard Cooking Equipment	Standard Cooking Equipment	Per Building SqFt	Existing	-	12	$ -	100%	-
Restaurant	Cooking	Cooking - Standard Equipment	Standard Cooking Equipment	Standard Cooking Equipment	Per Building SqFt	New	-	12	$ -	100%	-
Restaurant	Cooking	Fryer	ENERGY STAR Fryer	Standard	Per Fryer	Existing	160.19	12	$ 1,271.00	32%	-
Restaurant	Cooking	Fryer	ENERGY STAR Fryer	Standard	Per Fryer	New	165.26	12	$ 1,271.00	32%	-
Restaurant	Cooking	Hot Food Holding Cabinets	ENERGY STAR Qualified (< 40 watts/cubic foot)	Standard Equipment	Per Hot Food Holding Cabinet	Existing	1,093.64	12	$ 1,500.00	30%	-
Restaurant	Cooking	Hot Food Holding Cabinets	ENERGY STAR Qualified (< 40 watts/cubic foot)	Standard Equipment	Per Hot Food Holding Cabinet	New	1,128.27	12	$ 1,500.00	30%	-
Restaurant	Cooking	Steam Cooker	ENERGY STAR Steam Cooker	Standard	Per Steam Cooker	Existing	2,646.52	12	$ 1,500.00	26%	189
Restaurant	Cooking	Steam Cooker	ENERGY STAR Steam Cooker	Standard	Per Steam Cooker	New	2,730.32	12	$ 1,500.00	26%	11
Restaurant	Cooling DX	Advanced Control Technology	Advanced Control Technologies for Packaged	Standard Controls	Per 5 Tons of Cooling	Existing	1,113.39	15	$ 4,920.00	15%	-
Restaurant	Cooling DX	Commissioning	Commissioning/QI - New Installation	No Commissioning	Per SqFt	New	0.45	7	$ 1.16	90%	-
Restaurant	Cooling DX	Cool Roofs	ENERGY STAR Cool Roof - Reflect Material	Standard Roof	Per Roof Area SqFt	Existing	0.61	15	$ 0.68	44%	1,185
Restaurant	Cooling DX	Cool Roofs	ENERGY STAR Cool Roof - Reflect Material	Standard Roof	Per Roof Area SqFt	New	0.35	15	$ 0.68	44%	-
Restaurant	Cooling DX	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	Existing	2,809.66	5	$ 4,375.00	9%	-
Restaurant	Cooling DX	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	New	1,587.35	5	$ 2,377.33	9%	-
Restaurant	Cooling DX	Direct Digital Control System-	DDC Retrofit - EMS Upgrade	Pneumatic	Per Building	Existing	4,214.49	5	$ 3,683.79	2%	-
Restaurant	Cooling DX	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	Existing	24.79	20	$ 477.04	76%	-
Restaurant	Cooling DX	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	New	24.79	20	$ 477.04	76%	-
Restaurant	Cooling DX	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	Existing	11.02	20	$ 60.58	62%	9
Restaurant	Cooling DX	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	New	11.02	20	$ 60.58	62%	1
Restaurant	Cooling DX	Duct Repair And Sealing	Reduction In Duct Losses to 5%	No Repair or Sealing, 15% duct losses	Per Building SqFt	Existing	0.18	18	$ 0.24	38%	312
Restaurant	Cooling DX	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	Existing	1,264.35	10	$ 5,450.00	85%	-
Restaurant	Cooling DX	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	New	714.31	10	$ 5,450.00	85%	-
Restaurant	Cooling DX	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	Existing	0.61	30	$ 10.13	75%	-
Restaurant	Cooling DX	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	New	0.35	30	$ 10.13	75%	-
Restaurant	Cooling DX	Infiltration Control	Weather-Stripping	Standard Practice	Per Window SqFt	Existing	2.07	13	$ 0.39	51%	507
Restaurant	Cooling DX	Insulation - Duct	New Duct Insulation (R-8) (Unconditioned	No Insulation	Per Surface Area of Duct	Existing	3.28	20	$ 2.61	15%	202
Restaurant	Cooling DX	Insulation - Floor	R-30	Average Existing Insulation (R-10)	Per Floor Area SqFt	Existing	0.02	25	$ 1.82	29%	-
Restaurant	Cooling DX	Insulation - Roof	R-20ci	Average Existing Insulation (R-10)	Per Roof Area SqFt	Existing	0.02	25	$ 1.77	13%	-
Restaurant	Cooling DX	Insulation - Wall	R-13+R-7.5ci	Average Existing Insulation (R-10)	Per Wall Area SqFt	Existing	0.05	25	$ 1.84	33%	-
Restaurant	Cooling DX	Package Terminal - Air Conditioner	High Efficiency Package Terminal Air	Federal Standard Equipment	Per Package Terminal AC	Existing	85.26	9	$ 88.00	7%	-
Restaurant	Cooling DX	Package Terminal - Air Conditioner	High Efficiency Package Terminal Air	Federal Standard Equipment	Per Package Terminal AC	New	85.26	9	$ 88.00	7%	-
Restaurant	Cooling DX	Retro-Commissioning	Retro-Commissioning	No Retro-Commissioning	Per SqFt	Existing	0.98	7	$ 0.30	90%	4,594
Restaurant	Cooling DX	Rooftop DX Unit - Below Standard	Below Standard 9.5 EER, Air-Cooled = 135 and	Below Standard 9.5 EER, Air-Cooled = 135 and	Per Building SqFt	Existing	-	15	$ -	100%	-
Restaurant	Cooling DX	Rooftop DX Unit - Below Standard	Below Standard 9.5 EER, Air-Cooled = 135 and	Below Standard 9.5 EER, Air-Cooled = 135 and	Per Building SqFt	New	-	15	$ -	100%	-
Restaurant	Cooling DX	Rooftop DX Unit - CEE Tier 1	CEE Tier 1 11.5 EER, Air-Cooled = 135 and <	Federal Standard 11.0 EER, Air-Cooled = 135	Per Building SqFt	Existing	0.27	15	$ 0.11	100%	-
Restaurant	Cooling DX	Rooftop DX Unit - CEE Tier 1	CEE Tier 1 11.5 EER, Air-Cooled = 135 and <	Federal Standard 11.0 EER, Air-Cooled = 135	Per Building SqFt	New	0.15	15	$ 0.11	100%	-
Restaurant	Cooling DX	Rooftop DX Unit - CEE Tier 2	CEE Tier 2 12.0 EER, Air-Cooled = 135 and <	Federal Standard 11.0 EER, Air-Cooled = 135	Per Building SqFt	Existing	0.52	15	$ 0.19	100%	1,137
Restaurant	Cooling DX	Rooftop DX Unit - CEE Tier 2	CEE Tier 2 12.0 EER, Air-Cooled = 135 and <	Federal Standard 11.0 EER, Air-Cooled = 135	Per Building SqFt	New	0.29	15	$ 0.19	100%	95
Restaurant	Cooling DX	Rooftop DX Unit - Standard	Federal Standard 11.0 EER, Air-Cooled = 135	Federal Standard 11.0 EER, Air-Cooled = 135	Per Building SqFt	Existing	-	15	$ -	100%	-
Restaurant	Cooling DX	Rooftop DX Unit - Standard	Federal Standard 11.0 EER, Air-Cooled = 135	Federal Standard 11.0 EER, Air-Cooled = 135	Per Building SqFt	New	-	15	$ -	100%	-
Restaurant	Cooling DX	Thermostat Programmable	Setback Thermostat 5-1-1, 5-2 or 7-day	Manual Thermostat	Per Thermostat	Existing	842.90	15	$ 138.50	77%	759
Restaurant	Cooling DX	Tune-up - Air Conditioner	Air Conditioner Maintenance (Tune-up)	Unmaintained Air Conditioner	Per Ton	Existing	130.99	3	$ 48.00	48%	-
Restaurant	Cooling DX	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	Existing	0.10	25	$ 3.67	6%	-
Restaurant	Cooling DX	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	New	0.10	25	$ 3.67	7%	-
Restaurant	Cooling DX	Window - Metal Framing	U-Value = 0.55 (Code Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	0.11	25	$ 27.83	1%	-
Restaurant	Cooling DX	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	Existing	0.07	25	$ 2.08	74%	-
Restaurant	Cooling DX	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	New	0.07	25	$ 2.08	83%	-
Restaurant	Cooling DX	Window - Non-Metal Framing	U-Value = 0.35 (Code Non-Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	0.33	25	$ 42.42	72%	-
Restaurant	Cooling DX	Window Air Conditioner	CEE TIER 1 = 11.3 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Window AC	Existing	135.45	9	$ 406.80	32%	-
Restaurant	Cooling DX	Window Air Conditioner	CEE TIER 1 = 11.3 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Window AC	New	135.45	9	$ 406.80	32%	-
Restaurant	Cooling DX	Window Air Conditioner	CEE TIER 2 = 11.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Window AC	Existing	172.95	9	$ 771.98	33%	-
Restaurant	Cooling DX	Window Air Conditioner	CEE TIER 2 = 11.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Window AC	New	172.95	9	$ 771.98	33%	-
Restaurant	Cooling DX	Window Air Conditioner	ENERGY STAR = 10.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Window AC	Existing	94.48	9	$ 41.62	26%	11
Restaurant	Cooling DX	Window Air Conditioner	ENERGY STAR = 10.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Window AC	New	94.48	9	$ 41.62	26%	1
Restaurant	Ext Lighting	Exterior Lighting - Standard	Standard Exterior Lighting	Standard Exterior Lighting	Per Building SqFt	Existing	-	14	$ -	100%	-

Restaurant	Ext Lighting	Exterior Lighting - Standard	Standard Exterior Lighting	Standard Exterior Lighting	Per Building SqFt	New	-	14	$ -	100%	-
Restaurant	Ext Lighting	Lighting - LED Lighting Package	Exterior LED Lighting Package	Standard Lighting	Per Lighting Package	Existing	12.73	13	$ 257.92	66%	-
Restaurant	Ext Lighting	Lighting - High Intensity Discharge	High Efficiency Metal Halide Lighting Packages	Standard HID Lighting	Per Lighting Package	Existing	5.49	5	$ 12.90	62%	-
Restaurant	Ext Lighting	Lighting - Induction Lighting Package	Induction Lighting Package	Standard HID Lighting	Per Lighting Package	Existing	15.59	13	$ 64.13	67%	-
Restaurant	Fax	Fax - ENERGY STAR	ENERGY STAR Fax	Standard Fax	Per Building SqFt	Existing	0.01	6	$ 0.00	100%	73
Restaurant	Fax	Fax - ENERGY STAR	ENERGY STAR Fax	Standard Fax	Per Building SqFt	New	0.01	6	$ 0.00	100%	5
Restaurant	Fax	Fax - Standard	Standard Fax	Standard Fax	Per Building SqFt	Existing	-	6	$ -	100%	-
Restaurant	Fax	Fax - Standard	Standard Fax	Standard Fax	Per Building SqFt	New	-	6	$ -	100%	-
Restaurant	Flat Screen	Monitor - ENERGY STAR Flat Screen	ENERGY STAR Flat Screen Monitor	Standard Flat Screen Monitor	Per Building SqFt	Existing	0.00	4	$ 0.00	100%	-
Restaurant	Flat Screen	Monitor - ENERGY STAR Flat Screen	ENERGY STAR Flat Screen Monitor	Standard Flat Screen Monitor	Per Building SqFt	New	0.00	4	$ 0.00	100%	-
Restaurant	Flat Screen	Monitor - Standard Flat Screen	Standard Flat Screen Monitor	Standard Flat Screen Monitor	Per Building SqFt	Existing	-	4	$ -	100%	-
Restaurant	Flat Screen	Monitor - Standard Flat Screen	Standard Flat Screen Monitor	Standard Flat Screen Monitor	Per Building SqFt	New	-	4	$ -	100%	-
Restaurant	Freezers	Freezer - 2014 Federal Standard	2014 Standard Freezer	Standard Freezer	Per Building SqFt	Existing	0.00	12	$ 0.00	100%	-
Restaurant	Freezers	Freezer - 2014 Federal Standard	2014 Standard Freezer	Standard Freezer	Per Building SqFt	New	0.00	12	$ 0.00	100%	-
Restaurant	Freezers	Freezer - Below Standard	Below Standard Freezer	Below Standard Freezer	Per Building SqFt	Existing	-	12	$ -	100%	-
Restaurant	Freezers	Freezer - Below Standard	Below Standard Freezer	Below Standard Freezer	Per Building SqFt	New	-	12	$ -	100%	-
Restaurant	Freezers	Freezer - ENERGY STAR	ENERGY STAR Freezer	Standard Freezer	Per Building SqFt	Existing	0.00	12	$ 0.01	100%	-
Restaurant	Freezers	Freezer - ENERGY STAR	ENERGY STAR Freezer	Standard Freezer	Per Building SqFt	New	0.00	12	$ 0.01	100%	-
Restaurant	Freezers	Freezer - Standard	Standard Freezer	Standard Freezer	Per Building SqFt	Existing	-	12	$ -	100%	-
Restaurant	Freezers	Freezer - Standard	Standard Freezer	Standard Freezer	Per Building SqFt	New	-	12	$ -	100%	-
Restaurant	HVAC Aux	Demand Controlled Ventilation - Range	For Range Hoods – VFD Controlled	No DCV	Per Range Hood	Existing	600.24	10	$12,500.00	19%	-
Restaurant	HVAC Aux	Demand Controlled Ventilation - Range	For Range Hoods – VFD Controlled	No DCV	Per Range Hood	New	426.61	10	$ 6,500.00	19%	-
Restaurant	HVAC Aux	ECM Motor	Central Air Conditioner ECM Fan	Standard Motor	Per ECM	Existing	1,683.45	15	$ 200.00	56%	1,018
Restaurant	HVAC Aux	ECM Motor	Central Air Conditioner ECM Fan	Standard Motor	Per ECM	New	1,196.49	15	$ 200.00	81%	62
Restaurant	HVAC Aux	ECM Motor	Electric Furnace ECM Fan	Standard Motor	Per ECM	Existing	1,683.45	15	$ 200.00	7%	128
Restaurant	HVAC Aux	ECM Motor	Electric Furnace ECM Fan	Standard Motor	Per ECM	New	1,196.49	15	$ 200.00	10%	8
Restaurant	HVAC Aux	ECM Motor	Gas Furnace ECM Fan (CEE Air Handling Ratio	Standard Motor	Per ECM	Existing	1,683.45	15	$ 200.00	43%	796
Restaurant	HVAC Aux	ECM Motor	Gas Furnace ECM Fan (CEE Air Handling Ratio	Standard Motor	Per ECM	New	1,196.49	15	$ 200.00	64%	48
Restaurant	HVAC Aux	HVAC Auxillary - Standard Equipment	Standard HVAC Auxillary	Standard HVAC Auxillary	Per Building SqFt	Existing	-	15	$ -	100%	-
Restaurant	HVAC Aux	HVAC Auxillary - Standard Equipment	Standard HVAC Auxillary	Standard HVAC Auxillary	Per Building SqFt	New	-	15	$ -	100%	-
Restaurant	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 1-15 HP, 1200-3600	NEMA Qualifying Standard Motor	Per Motor	Existing	75.68	15	$ 274.24	67%	-
Restaurant	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 1-15 HP, 1200-3600	NEMA Qualifying Standard Motor	Per Motor	New	75.68	15	$ 274.24	67%	-
Restaurant	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 125-200 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	Existing	2,066.69	15	$ 2,036.86	0%	0
Restaurant	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 125-200 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	New	518.91	15	$ 2,036.86	9%	-
Restaurant	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 20-40 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	Existing	518.91	15	$ 678.39	9%	-
Restaurant	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 20-40 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	New	1,143.16	15	$ 678.39	1%	0
Restaurant	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 250-500 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	Existing	5,959.61	15	$ 4,197.32	0%	0
Restaurant	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 250-500 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	New	2,066.69	15	$ 4,197.32	0%	-
Restaurant	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 50-100 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	Existing	1,143.16	15	$ 1,375.63	1%	-
Restaurant	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 50-100 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	New	5,959.61	15	$ 1,375.63	0%	0
Restaurant	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 1-15 HP	Constant Speed Motor	Per Building	Existing	3,201.26	15	$ 708.57	67%	2,334
Restaurant	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 1-15 HP	Constant Speed Motor	Per Building	New	2,275.24	15	$ 708.57	67%	97
Restaurant	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 125-200 HP	Constant Speed Motor	Per Building	Existing	3,201.26	15	$ 332.82	1%	21
Restaurant	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 125-200 HP	Constant Speed Motor	Per Building	New	2,275.24	15	$ 332.82	1%	1
Restaurant	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 20-40 HP	Constant Speed Motor	Per Building	Existing	3,201.26	15	$ 410.66	4%	150
Restaurant	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 20-40 HP	Constant Speed Motor	Per Building	New	2,275.24	15	$ 410.66	4%	6
Restaurant	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 250-500 HP	Constant Speed Motor	Per Building	Existing	3,201.26	15	$ 252.57	0%	8
Restaurant	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 250-500 HP	Constant Speed Motor	Per Building	New	2,275.24	15	$ 252.57	0%	0
Restaurant	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 50-100 HP	Constant Speed Motor	Per Building	Existing	3,201.26	15	$ 505.94	1%	48
Restaurant	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 50-100 HP	Constant Speed Motor	Per Building	New	2,275.24	15	$ 505.94	1%	2
Restaurant	Heat Pump	Commissioning	Commissioning/QI - New Installation	No Commissioning	Per SqFt	New	1.04	7	$ 1.16	90%	-
Restaurant	Heat Pump	Cool Roofs	ENERGY STAR Cool Roof - Reflect Material	Standard Roof	Per Roof Area SqFt	Existing	0.70	15	$ 0.68	44%	261
Restaurant	Heat Pump	Cool Roofs	ENERGY STAR Cool Roof - Reflect Material	Standard Roof	Per Roof Area SqFt	New	0.37	15	$ 0.68	44%	-
Restaurant	Heat Pump	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	Existing	5,803.55	5	$ 8,750.00	9%	-
Restaurant	Heat Pump	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	New	3,687.58	5	$ 8,750.00	9%	-
Restaurant	Heat Pump	Direct Digital Control System-	DDC Retrofit - EMS Upgrade	Pneumatic	Per Building	Existing	8,705.32	5	$ 7,367.59	2%	-
Restaurant	Heat Pump	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	Existing	296.41	20	$ 477.04	76%	-
Restaurant	Heat Pump	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	New	296.41	20	$ 477.04	76%	-
Restaurant	Heat Pump	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	Existing	131.74	20	$ 60.58	62%	24
Restaurant	Heat Pump	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	New	131.74	20	$ 60.58	62%	2
Restaurant	Heat Pump	Duct Repair And Sealing	Reduction In Duct Losses to 5%	No Repair or Sealing, 15% duct losses	Per Building SqFt	Existing	0.38	18	$ 0.24	38%	125
Restaurant	Heat Pump	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	Existing	2,611.60	10	$ 5,450.00	85%	-
Restaurant	Heat Pump	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	New	1,659.41	10	$ 5,450.00	85%	-

Restaurant	Heat Pump	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	Existing	0.70	30	$ 10.13	75%	-
Restaurant	Heat Pump	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	New	0.37	30	$ 10.13	75%	-
Restaurant	Heat Pump	Heat Pump - Below Standard	Below Standard Air Source Heat Pump 9.0 EER	Below Standard Air Source Heat Pump 9.0 EER	Per Building SqFt	Existing	-	15	$ -	100%	-
Restaurant	Heat Pump	Heat Pump - Below Standard	Below Standard Air Source Heat Pump 9.0 EER	Below Standard Air Source Heat Pump 9.0 EER	Per Building SqFt	New	-	15	$ -	100%	-
Restaurant	Heat Pump	Heat Pump - ENERGY STAR	ENERGY STAR Ground Source Heat Pump	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	Existing	2.86	15	$ 28.24	5%	-
Restaurant	Heat Pump	Heat Pump - ENERGY STAR	ENERGY STAR Ground Source Heat Pump	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	New	1.73	15	$ 18.16	5%	-
Restaurant	Heat Pump	Heat Pump - High Efficiency	High Efficiency Air Source Heat Pump 11.1 EER	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	Existing	0.47	15	$ 0.25	100%	200
Restaurant	Heat Pump	Heat Pump - High Efficiency	High Efficiency Air Source Heat Pump 11.1 EER	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	New	0.30	15	$ 0.25	100%	14
Restaurant	Heat Pump	Heat Pump - Premium Efficiency	Premium Efficiency Water Source Heat Pump	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	Existing	2.26	15	$ 1.33	5%	50
Restaurant	Heat Pump	Heat Pump - Premium Efficiency	Premium Efficiency Water Source Heat Pump	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	New	1.48	15	$ 1.53	5%	4
Restaurant	Heat Pump	Heat Pump - Standard	Federal Standard Air Source Heat Pump 10.6	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	Existing	-	15	$ -	100%	-
Restaurant	Heat Pump	Heat Pump - Standard	Federal Standard Air Source Heat Pump 10.6	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	New	-	15	$ -	100%	-
Restaurant	Heat Pump	Heat Pump - Variable Refrigerant Flow	Variable Refrigerant Flow System (VRF) - Heat	Packaged VAV With Electric Reheat	Per Ton	Existing	1,028.13	15	$ 540.00	33%	1,577
Restaurant	Heat Pump	Heat Pump - Variable Refrigerant Flow	Variable Refrigerant Flow System (VRF) - Heat	Packaged VAV With Electric Reheat	Per Ton	New	653.28	15	$ 540.00	81%	171
Restaurant	Heat Pump	Infiltration Control	Weather-Stripping	Standard Practice	Per Window SqFt	Existing	6.85	13	$ 0.39	51%	376
Restaurant	Heat Pump	Insulation - Duct	New Duct Insulation (R-8) (Unconditioned	No Insulation	Per Surface Area of Duct	Existing	6.76	20	$ 2.61	15%	93
Restaurant	Heat Pump	Insulation - Floor	R-30	Average Existing Insulation (R-10)	Per Floor Area SqFt	Existing	0.29	25	$ 1.82	29%	-
Restaurant	Heat Pump	Insulation - Roof	R-20ci	Average Existing Insulation (R-10)	Per Roof Area SqFt	Existing	0.19	25	$ 1.77	13%	-
Restaurant	Heat Pump	Insulation - Wall	R-13+R-7.5ci	Average Existing Insulation (R-10)	Per Wall Area SqFt	Existing	0.59	25	$ 1.84	33%	-
Restaurant	Heat Pump	Package Terminal - Heat Pump	High Efficiency Package Terminal Air	Federal Standard Equipment	Per Ton	Existing	85.26	15	$ 150.01	10%	-
Restaurant	Heat Pump	Package Terminal - Heat Pump	High Efficiency Package Terminal Air	Federal Standard Equipment	Per Ton	New	85.26	15	$ 150.01	10%	-
Restaurant	Heat Pump	Retro-Commissioning	Retro-Commissioning	No Retro-Commissioning	Per SqFt	Existing	2.02	7	$ 0.30	90%	2,110
Restaurant	Heat Pump	Thermostat Programmable	Setback Thermostat 5-1-1, 5-2 or 7-day	Manual Thermostat	Per Thermostat	Existing	1,741.06	15	$ 138.50	77%	348
Restaurant	Heat Pump	Tune-up - Air Source Heat Pump	Air Source Heat Pump Maintenance (Tune-up)	Unmaintained Air Source Heat Pump	Per Ton	Existing	270.56	3	$ 48.00	48%	26
Restaurant	Heat Pump	Tune-up - Ground Source Heat Pump	Ground Source Heat Pump Maintenance (Tune-	Unmaintained Ground Source Heat Pump	Per Ton	Existing	270.56	3	$ 48.00	48%	26
Restaurant	Heat Pump	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	Existing	1.22	25	$ 3.67	6%	-
Restaurant	Heat Pump	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	New	1.22	25	$ 3.67	7%	-
Restaurant	Heat Pump	Window - Metal Framing	U-Value = 0.55 (Code Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	1.27	25	$ 27.83	1%	-
Restaurant	Heat Pump	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	Existing	0.78	25	$ 2.08	74%	-
Restaurant	Heat Pump	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	New	0.78	25	$ 2.08	83%	-
Restaurant	Heat Pump	Window - Non-Metal Framing	U-Value = 0.35 (Code Non-Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	3.90	25	$ 42.42	72%	-
Restaurant	Lighting	Ceiling Fans	ENERGY STAR Ceiling Fans with Light Kit	Standard Ceiling Fan	Per Ceiling Fan	Existing	98.55	10	$ 119.55	85%	-
Restaurant	Lighting	Ceiling Fans	ENERGY STAR Ceiling Fans with Light Kit	Standard Ceiling Fan	Per Ceiling Fan	New	98.55	10	$ 119.55	85%	-
Restaurant	Lighting	Daylighting Controls	Continuous Dimming, Fluorescent Fixtures (Day-	No Dimming Controls	Per Applicable SQFT of Dimmable Perimeter	Existing	4.42	9	$ 1.67	38%	2,348
Restaurant	Lighting	Daylighting Controls	Continuous Dimming, Fluorescent Fixtures (Day-	No Dimming Controls	Per Applicable SQFT of Dimmable Perimeter	New	3.76	13	$ 1.67	0%	-
Restaurant	Lighting	Daylighting Controls	Dual Level Switches, Fluorescent Fixtures	No Dimming Controls	Per Applicable SQFT of Dimmable Perimeter	Existing	1.81	9	$ 0.83	38%	964
Restaurant	Lighting	Daylighting Controls	Dual Level Switches, Fluorescent Fixtures	No Dimming Controls	Per Applicable SQFT of Dimmable Perimeter	New	1.54	13	$ 0.83	0%	-
Restaurant	Lighting	Exit Sign - LED	LED Exit Signs	CFL Exit Sign	Per Exit Sign	Existing	175.20	11	$ 68.22	56%	337
Restaurant	Lighting	Exit Sign - Photoluminescent	Photoluminescent Exit Sign	LED Exit Sign	Per Exit Sign	Existing	35.04	13	$ 30.00	93%	112
Restaurant	Lighting	Exit Sign - Photoluminescent	Photoluminescent Exit Sign	LED Exit Sign	Per Exit Sign	New	35.04	13	$ 30.00	93%	7
Restaurant	Lighting	LED Refrigerated Case Lighting	LED Refrigerated Case Lighting	Fluorescent	Per Refrigerated Glass Case	Existing	256.00	13	$ 600.00	30%	-
Restaurant	Lighting	LED Refrigerated Case Lighting	LED Refrigerated Case Lighting	Fluorescent	Per Refrigerated Glass Case	New	256.00	13	$ 600.00	30%	-
Restaurant	Lighting	LED Strip Lighting	LED Strip Lighting (Non-Refrigerated)	Fluorescent	Per Linear Foot of Lighting	Existing	0.68	11	$ 2.99	78%	-
Restaurant	Lighting	LED Strip Lighting	LED Strip Lighting (Non-Refrigerated)	Fluorescent	Per Linear Foot of Lighting	New	0.68	11	$ 2.99	78%	-
Restaurant	Lighting	LightLouver Daylighting System	LightLouver Daylighting System	No Daylight System	Per Linear Feet of Window	Existing	49.82	9	$ 65.00	40%	-
Restaurant	Lighting	Lighting - CFL Lamp Package	ENERGY STAR CFL	EISA Incandescent	Per Building	Existing	9,564.74	2	$ 48.29	68%	2,321
Restaurant	Lighting	Lighting - Clock/Timer	Lighting Clock/Timer Commercial grade	No Time Clock	Per Lighting Control	Existing	1,764.46	9	$ 205.43	42%	1,019
Restaurant	Lighting	Lighting - Fluorescent High	Fluorescent HP Lamps and Ballasts Packages	Standard Lighting	Per Lighting Package	Existing	1,796.86	13	$ 2,470.27	90%	-
Restaurant	Lighting	Lighting - Fluorescent Reduced	Fluorescent RW Lamps and Ballasts Packages	Standard Lighting	Per Lighting Package	Existing	3,593.71	13	$ 2,094.53	76%	3,715
Restaurant	Lighting	Lighting - Induction Lighting Package	Induction Lighting Package	Standard HID Lighting	Per Lighting Package	Existing	760.07	20	$ 4,130.05	38%	-
Restaurant	Lighting	Lighting - LED Lamp Package	ENERGY STAR LED	EISA Incandescent	Per Lighting Package	Existing	11,522.36	9	$ 2,251.04	73%	11,517
Restaurant	Lighting	Lighting - LPD Package	LPD Reduction Package 15%	LPD Code	Per Lighting Package	New	4,623.45	15	$ 26.55	68%	69
Restaurant	Lighting	Lighting - LPD Package	LPD Reduction Package 25%	LPD Code	Per Lighting Package	New	7,705.75	15	$ 58.84	71%	435
Restaurant	Lighting	Lighting - Specialty Lamp Package	CFL and LED Specialty Lamp Package	Standard Incandescent	Per Lighting Package	Existing	1,186.44	3	$ 65.57	81%	1,303
Restaurant	Lighting	Lighting - Standard	Standard Lighting	Standard Lighting	Per Building SqFt	Existing	-	14	$ -	100%	-
Restaurant	Lighting	Lighting - Standard	Standard Lighting	Standard Lighting	Per Building SqFt	New	-	14	$ -	100%	-
Restaurant	Lighting	Occupancy Sensor - High-Bay	Fixture-Mounted (Control > 150 Watts)	No Sensor	Per Lighting Control	Existing	1,241.95	14	$ 225.00	4%	27
Restaurant	Lighting	Occupancy Sensor - High-Bay	Fixture-Mounted (Control > 150 Watts)	No Sensor	Per Lighting Control	New	1,057.65	14	$ 225.00	4%	1
Restaurant	Lighting	Occupancy Sensor - Wall or Ceiling	Wall or Ceiling-Mounted (Control > 400 Watts)	No Sensor	Per Lighting Control	Existing	63.71	14	$ 225.00	51%	-
Restaurant	Lighting	Occupancy Sensor - Wall or Ceiling	Wall or Ceiling-Mounted (Control > 400 Watts)	No Sensor	Per Lighting Control	New	54.26	14	$ 225.00	51%	-
Restaurant	Other	Other - Standard	Standard Other Equipment	Standard Other Equipment	Per Building SqFt	Existing	-	10	$ -	100%	-
Restaurant	Other	Other - Standard	Standard Other Equipment	Standard Other Equipment	Per Building SqFt	New	-	10	$ -	100%	-
Restaurant	Other	Transformers	Transformers, Three-Phase Low-Voltage Dry-	Standard Efficiency Transformer NEMA TP-1-	Per Transformer	Existing	174.78	30	$ 448.00	50%	-

Restaurant	Other	Transformers	Transformers, Three-Phase Low-Voltage Dry-	Standard Efficiency Transformer NEMA TP-1-	Per Transformer	New	174.78	30	$ 448.00	50%	-
Restaurant	Other Plug	All-In-One Office Equipment	All-In-One ENERGY STAR Office Equipment	Non-ENERGY STAR Features	Per All-in-One Device	Existing	200.08	6	$ 218.33	68%	-
Restaurant	Other Plug	All-In-One Office Equipment	All-In-One ENERGY STAR Office Equipment	Non-ENERGY STAR Features	Per All-in-One Device	New	200.08	6	$ 218.33	68%	-
Restaurant	Other Plug	Ceiling Fans	ENERGY STAR Ceiling Fans with Light Kit	Standard Ceiling Fan	Per Ceiling Fan	Existing	4.33	10	$ 119.55	85%	-
Restaurant	Other Plug	Ceiling Fans	ENERGY STAR Ceiling Fans with Light Kit	Standard Ceiling Fan	Per Ceiling Fan	New	4.33	10	$ 119.55	85%	-
Restaurant	Other Plug	Ceiling Fans	ENERGY STAR Ceiling Fans without Light Kit	Standard Ceiling Fan	Per Ceiling Fan	Existing	4.33	10	$ 1.46	85%	10
Restaurant	Other Plug	Ceiling Fans	ENERGY STAR Ceiling Fans without Light Kit	Standard Ceiling Fan	Per Ceiling Fan	New	4.33	10	$ 1.46	85%	1
Restaurant	Other Plug	Plug Load - Standard Equipment	Standard Plug Load	Standard Plug Load	Per Building SqFt	Existing	-	10	$ -	100%	-
Restaurant	Other Plug	Plug Load - Standard Equipment	Standard Plug Load	Standard Plug Load	Per Building SqFt	New	-	10	$ -	100%	-
Restaurant	Other Plug	Snow Melt System Control	Snow Melt System Control	Manual Control	Per Snow Melt Control	Existing	170.00	25	$ 2,782.00	5%	-
Restaurant	Other Plug	Snow Melt System Control	Snow Melt System Control	Manual Control	Per Snow Melt Control	New	178.08	25	$ 2,782.00	0%	-
Restaurant	Other Plug	Water Coolers	ENERGY STAR Water Cooler	Non-ENERGY STAR Water Cooler	Per Water Cooler	Existing	28.38	10	$ 5.00	26%	10
Restaurant	Other Plug	Water Coolers	ENERGY STAR Water Cooler	Non-ENERGY STAR Water Cooler	Per Water Cooler	New	29.73	10	$ 5.00	26%	1
Restaurant	Photo	Photo Copier - ENERGY STAR	ENERGY STAR Photo Copier	Standard Photo Copier	Per Building SqFt	Existing	0.02	6	$ 0.06	100%	-
Restaurant	Photo	Photo Copier - ENERGY STAR	ENERGY STAR Photo Copier	Standard Photo Copier	Per Building SqFt	New	0.02	6	$ 0.06	100%	-
Restaurant	Photo	Photo Copiers - Standard	Standard Photo Copier	Standard Photo Copier	Per Building SqFt	Existing	-	6	$ -	100%	-
Restaurant	Photo	Photo Copiers - Standard	Standard Photo Copier	Standard Photo Copier	Per Building SqFt	New	-	6	$ -	100%	-
Restaurant	Printers	Printers - ENERGY STAR	ENERGY STAR Printers	Standard Printers	Per Building SqFt	Existing	0.01	6	$ 0.00	100%	64
Restaurant	Printers	Printers - ENERGY STAR	ENERGY STAR Printers	Standard Printers	Per Building SqFt	New	0.01	6	$ 0.00	100%	4
Restaurant	Printers	Printers - Standard	Standard Printers	Standard Printers	Per Building SqFt	Existing	-	6	$ 0.00	100%	-
Restaurant	Printers	Printers - Standard	Standard Printers	Standard Printers	Per Building SqFt	New	-	6	$ 0.00	100%	-
Restaurant	Refrigeratio	Anti-Sweat Heater Controls	Variable Temperature Controls (Humidistat)	Constant Controls	Per Control (Weighted by Grocery	Existing	767.25	12	$ 78.84	72%	908
Restaurant	Refrigeratio	Anti-Sweat Heater Controls	Variable Temperature Controls (Humidistat)	Constant Controls	Per Control (Weighted by Grocery	New	767.25	12	$ 78.84	18%	13
Restaurant	Refrigeratio	Case Fans with ECM motors	ECM Motors on Evaporator Fan for Display	Standard Case Fan Motor	Per ECM (Weighted by Grocery	Existing	1,018.06	12	$ 243.00	37%	613
Restaurant	Refrigeratio	Case Fans with ECM motors	ECM Motors on Evaporator Fan for Display	Standard Case Fan Motor	Per ECM (Weighted by Grocery	New	1,018.06	12	$ 243.00	37%	36
Restaurant	Refrigeratio	Demand Control Defrost - Electric	Refrigerant Defrost	No Demand Control Defrost	Per Building SqFt	Existing	0.07	10	$ 0.10	41%	-
Restaurant	Refrigeratio	Demand Control Defrost - Hot Gas	Refrigerant Defrost	No Demand Control Defrost	Per Building SqFt	Existing	0.17	10	$ 0.12	41%	420
Restaurant	Refrigeratio	Evaporator Fans - Walk-ins	High-Efficiency Evaporator Fans, Walk-in	Standard Evaporator Fans	Per Walk-in Fan	Existing	435.00	15	$ 132.39	69%	1,639
Restaurant	Refrigeratio	Evaporator Fans - Walk-ins	High-Efficiency Evaporator Fans, Walk-in	Standard Evaporator Fans	Per Walk-in Fan	New	435.00	15	$ 132.39	69%	96
Restaurant	Refrigeratio	Glass Door Refrigerators	ENERGY STAR Qualified (Volume 0 to 50+	Standard Equipment	Per Glass Door Refrigerator	Existing	1,086.26	12	$ 704.49	90%	1,774
Restaurant	Refrigeratio	Glass Door Refrigerators	ENERGY STAR Qualified (Volume 0 to 50+	Standard Equipment	Per Glass Door Refrigerator	New	1,086.26	12	$ 704.49	95%	113
Restaurant	Refrigeratio	Ice Makers, Air Cooled	ENERGY STAR Qualified, Ice-Making Head	Standard Equipment	Per Ice Maker	Existing	1,197.10	10	$ 140.00	39%	643
Restaurant	Refrigeratio	Ice Makers, Air Cooled	ENERGY STAR Qualified, Ice-Making Head	Standard Equipment	Per Ice Maker	New	1,197.10	10	$ 140.00	39%	37
Restaurant	Refrigeratio	Ice Makers, Air Cooled	ENERGY STAR Qualified, Remote Condensing	Standard Equipment	Per Ice Maker	Existing	1,293.25	10	$ 5.00	39%	695
Restaurant	Refrigeratio	Ice Makers, Air Cooled	ENERGY STAR Qualified, Remote Condensing	Standard Equipment	Per Ice Maker	New	1,293.25	10	$ 5.00	39%	40
Restaurant	Refrigeratio	Ice Makers, Air Cooled	ENERGY STAR Qualified, Self-Contained	Standard Equipment	Per Ice Maker	Existing	317.99	10	$ 5.00	39%	18
Restaurant	Refrigeratio	Ice Makers, Air Cooled	ENERGY STAR Qualified, Self-Contained	Standard Equipment	Per Ice Maker	New	317.99	10	$ 5.00	39%	1
Restaurant	Refrigeratio	Ice Makers, Water-Cooled	Ice-Making Head - Water Cooled	Standard Equipment	Per Ice Maker	Existing	894.30	10	$ 1,000.00	39%	-
Restaurant	Refrigeratio	Ice Makers, Water-Cooled	Ice-Making Head - Water Cooled	Standard Equipment	Per Ice Maker	New	894.30	10	$ 1,000.00	39%	-
Restaurant	Refrigeratio	Ice Makers, Water-Cooled	Self-Contained - Water Cooled	Standard Equipment	Per Ice Maker	Existing	187.70	10	$ 850.00	39%	-
Restaurant	Refrigeratio	Ice Makers, Water-Cooled	Self-Contained - Water Cooled	Standard Equipment	Per Ice Maker	New	187.70	10	$ 850.00	39%	-
Restaurant	Refrigeratio	Night Covers for Display Cases	Night Covers for Display Cases	No Night Covers	Per Building	Existing	313.28	10	$ 413.10	4%	-
Restaurant	Refrigeratio	Night Covers for Display Cases	Night Covers for Display Cases	No Night Covers	Per Building	New	323.20	10	$ 413.10	4%	-
Restaurant	Refrigeratio	Novelty Cooler Shutoff	Cooler Shutoff with Controls System or Shutoff	No Cooler Shutoff	Per Cooler Case	Existing	610.88	10	$ 91.63	63%	262
Restaurant	Refrigeratio	Novelty Cooler Shutoff	Cooler Shutoff with Controls System or Shutoff	No Cooler Shutoff	Per Cooler Case	New	610.88	10	$ 91.63	63%	15
Restaurant	Refrigeratio	Occupancy Sensor - Refrigerated	Occupancy Sensor - Refrigerated Cases	No Sensor	Per Linear Foot of Refrigerated Display Case	Existing	20.45	8	$ 3.00	14%	16
Restaurant	Refrigeratio	Occupancy Sensor - Refrigerated	Occupancy Sensor - Refrigerated Cases	No Sensor	Per Linear Foot of Refrigerated Display Case	New	20.45	8	$ 3.00	14%	1
Restaurant	Refrigeratio	Refrigeration - Retro-Commissioning	Refrigeration Retro Commissioning	No Retro-Commissioning	Per Refrigeration Ton	Existing	61.43	10	$ 191.95	78%	-
Restaurant	Refrigeratio	Refrigeration - Commissioning	Commissioning (Refrigeration System	No Commissioning	Per Refrigeration Ton	New	63.37	3	$ 49.60	87%	-
Restaurant	Refrigeratio	Refrigeration - Standard	Standard Refrigeration	Standard Refrigeration	Per Building SqFt	Existing	-	14	$ -	100%	-
Restaurant	Refrigeratio	Refrigeration - Standard	Standard Refrigeration	Standard Refrigeration	Per Building SqFt	New	-	14	$ -	100%	-
Restaurant	Refrigeratio	Solid Door Freezers	ENERGY STAR Qualified (Volume 0 to 50+	Standard Equipment	Per Commercial Freezer	Existing	1,463.00	12	$ 247.00	76%	399
Restaurant	Refrigeratio	Solid Door Freezers	ENERGY STAR Qualified (Volume 0 to 50+	Standard Equipment	Per Commercial Freezer	New	1,463.00	12	$ 247.00	76%	23
Restaurant	Refrigeratio	Solid Door Refrigerators	ENERGY STAR Qualified (Volume 0 to 50+	Standard Equipment	Per Commercial Refrigerator	Existing	849.00	12	$ 124.00	75%	229
Restaurant	Refrigeratio	Solid Door Refrigerators	ENERGY STAR Qualified (Volume 0 to 50+	Standard Equipment	Per Commercial Refrigerator	New	849.00	12	$ 124.00	75%	13
Restaurant	Refrigeratio	Strip Curtains for Walk-Ins	Strip Curtains for Walk-Ins	No Strip Curtains for Walk-Ins	Per Walk-in	Existing	491.42	4	$ 300.00	43%	-
Restaurant	Refrigeratio	Strip Curtains for Walk-Ins	Strip Curtains for Walk-Ins	No Strip Curtains for Walk-Ins	Per Walk-in	New	506.98	4	$ 300.00	43%	-
Restaurant	Refrigerator	Refrigerator - 2014 Federal Standard	2014 Standard Refrigerator	Standard Refrigerator	Per Building SqFt	Existing	0.07	13	$ 0.23	100%	-
Restaurant	Refrigerator	Refrigerator - 2014 Federal Standard	2014 Standard Refrigerator	Standard Refrigerator	Per Building SqFt	New	0.07	13	$ 0.23	100%	-
Restaurant	Refrigerator	Refrigerator - Below Standard	Below Standard Refrigerator	Below Standard Refrigerator	Per Building SqFt	Existing	-	13	$ -	100%	-
Restaurant	Refrigerator	Refrigerator - Below Standard	Below Standard Refrigerator	Below Standard Refrigerator	Per Building SqFt	New	-	13	$ -	100%	-
Restaurant	Refrigerator	Refrigerator - CEE Tier 1	CEE Tier 1 Refrigerator	Standard Refrigerator	Per Building SqFt	Existing	0.09	13	$ 0.30	100%	-
Restaurant	Refrigerator	Refrigerator - CEE Tier 1	CEE Tier 1 Refrigerator	Standard Refrigerator	Per Building SqFt	New	0.09	13	$ 0.30	100%	-

Restaurant	Refrigerator	Refrigerator - CEE Tier 2	CEE Tier 2 Refrigerator	Standard Refrigerator	Per Building SqFt	Existing	0.04	13	$ 0.14	100%	-
Restaurant	Refrigerator	Refrigerator - CEE Tier 2	CEE Tier 2 Refrigerator	Standard Refrigerator	Per Building SqFt	New	0.04	13	$ 0.14	100%	-
Restaurant	Refrigerator	Refrigerator - ENERGY STAR	ENERGY STAR Refrigerator	Standard Refrigerator	Per Building SqFt	Existing	0.03	13	$ 0.06	100%	-
Restaurant	Refrigerator	Refrigerator - ENERGY STAR	ENERGY STAR Refrigerator	Standard Refrigerator	Per Building SqFt	New	0.03	13	$ 0.06	100%	-
Restaurant	Refrigerator	Refrigerator - Federal Standard	Standard Refrigerator	Standard Refrigerator	Per Building SqFt	Existing	-	13	$ -	100%	-
Restaurant	Refrigerator	Refrigerator - Federal Standard	Standard Refrigerator	Standard Refrigerator	Per Building SqFt	New	-	13	$ -	100%	-
Restaurant	Servers	Server - ENERGY STAR	ENERGY STAR Server	Standard Server	Per Building SqFt	Existing	0.01	9	$ 0.00	100%	24
Restaurant	Servers	Server - ENERGY STAR	ENERGY STAR Server	Standard Server	Per Building SqFt	New	0.01	9	$ 0.00	100%	2
Restaurant	Servers	Server - Standard	Standard Server	Standard Server	Per Building SqFt	Existing	-	9	$ -	100%	-
Restaurant	Servers	Server - Standard	Standard Server	Standard Server	Per Building SqFt	New	-	9	$ -	100%	-
Restaurant	Space Heat	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	Existing	4,077.34	5	$14,651.71	9%	-
Restaurant	Space Heat	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	New	2,738.94	5	$ 4,375.00	9%	-
Restaurant	Space Heat	Direct Digital Control System-	DDC Retrofit - EMS Upgrade	Pneumatic	Per Building	Existing	6,116.01	5	$ 7,393.75	2%	-
Restaurant	Space Heat	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	Existing	488.92	20	$ 477.04	76%	-
Restaurant	Space Heat	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	New	488.92	20	$ 477.04	76%	-
Restaurant	Space Heat	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	Existing	217.30	20	$ 60.58	62%	69
Restaurant	Space Heat	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	New	217.30	20	$ 60.58	62%	4
Restaurant	Space Heat	Duct Repair And Sealing	Reduction In Duct Losses to 5%	No Repair or Sealing, 15% duct losses	Per Building SqFt	Existing	0.27	18	$ 0.24	38%	-
Restaurant	Space Heat	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	Existing	1,834.80	10	$ 5,450.00	85%	-
Restaurant	Space Heat	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	New	1,232.53	10	$ 5,450.00	85%	-
Restaurant	Space Heat	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	Existing	0.89	30	$ 10.13	75%	-
Restaurant	Space Heat	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	New	0.60	30	$ 10.13	75%	-
Restaurant	Space Heat	Infiltration Control	Weather-Stripping	Standard Practice	Per Window SqFt	Existing	7.02	13	$ 0.39	51%	584
Restaurant	Space Heat	Insulation - Duct	New Duct Insulation (R-8) (Unconditioned	No Insulation	Per Surface Area of Duct	Existing	4.75	20	$ 2.61	15%	97
Restaurant	Space Heat	Insulation - Floor	R-30	Average Existing Insulation (R-10)	Per Floor Area SqFt	Existing	0.48	25	$ 1.82	29%	-
Restaurant	Space Heat	Insulation - Roof	R-20ci	Average Existing Insulation (R-10)	Per Roof Area SqFt	Existing	0.32	25	$ 1.77	13%	-
Restaurant	Space Heat	Insulation - Wall	R-13+R-7.5ci	Average Existing Insulation (R-10)	Per Wall Area SqFt	Existing	0.97	25	$ 1.84	33%	-
Restaurant	Space Heat	Space Heat - Standard	Standard Space Heat	Standard Space Heat	Per Building SqFt	Existing	-	20	$ -	100%	-
Restaurant	Space Heat	Space Heat - Standard	Standard Space Heat	Standard Space Heat	Per Building SqFt	New	-	20	$ -	100%	-
Restaurant	Space Heat	Thermostat Programmable	Setback Thermostat 5-1-1, 5-2 or 7-day	Manual Thermostat	Per Thermostat	Existing	1,223.20	15	$ 138.50	77%	366
Restaurant	Space Heat	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	Existing	2.01	25	$ 3.67	6%	-
Restaurant	Space Heat	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	New	2.01	25	$ 3.67	7%	-
Restaurant	Space Heat	Window - Metal Framing	U-Value = 0.55 (Code Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	2.10	25	$ 27.83	1%	-
Restaurant	Space Heat	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	Existing	1.29	25	$ 2.08	74%	-
Restaurant	Space Heat	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	New	1.29	25	$ 2.08	83%	-
Restaurant	Space Heat	Window - Non-Metal Framing	U-Value = 0.35 (Code Non-Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	6.43	25	$ 42.42	72%	-
Restaurant	Vending	Vending Machine - Controller	Refrigerated Vending Machine Controller	No Controls	Per Vending Machine	Existing	1,394.81	3	$ 238.00	25%	78
Restaurant	Vending	Vending Machine - Controller	Refrigerated Vending Machine Controller	No Controls	Per Vending Machine	New	1,394.81	3	$ 238.00	25%	4
Restaurant	Vending	Vending Machine - ENERGY STAR	ENERGY STAR Vending Machine	Standard Vending Machine	Per Building SqFt	Existing	0.05	10	$ 0.01	100%	194
Restaurant	Vending	Vending Machine - ENERGY STAR	ENERGY STAR Vending Machine	Standard Vending Machine	Per Building SqFt	New	0.05	10	$ 0.01	100%	17
Restaurant	Vending	Vending Machine - Standard	Standard Vending Machine	Standard Vending Machine	Per Building SqFt	Existing	-	10	$ -	100%	-
Restaurant	Vending	Vending Machine - Standard	Standard Vending Machine	Standard Vending Machine	Per Building SqFt	New	-	10	$ -	100%	-
Restaurant	Water Heat	Desuperheaters - Air Conditioner	Add-on Desuperheaters to Air Conditioner	No Desuperheater	Per Desuperheater	Existing	206.43	10	$ 600.00	65%	-
Restaurant	Water Heat	Desuperheaters - Air Source Heat	Add-on Desuperheaters to Air Source Heat	No Desuperheater	Per Desuperheater	Existing	1,290.64	10	$ 600.00	1%	8
Restaurant	Water Heat	Desuperheaters - Ground Source Heat	Add-on Desuperheaters to Ground Source Heat	No Desuperheater	Per Desuperheater	Existing	1,290.64	10	$ 600.00	0%	0
Restaurant	Water Heat	Dishwasher	Dishwasher Enhanced Efficiency (EF 1.00) 200	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	Existing	155.00	11	$ 1,067.33	29%	-
Restaurant	Water Heat	Dishwasher	Dishwasher Enhanced Efficiency (EF 1.00) 200	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	New	155.00	11	$ 1,067.33	29%	-
Restaurant	Water Heat	Dishwasher	ENERGY STAR 295 kWh/yr and 4.25	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	Existing	60.00	11	$ 272.18	24%	-
Restaurant	Water Heat	Dishwasher	ENERGY STAR 295 kWh/yr and 4.25	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	New	60.00	11	$ 272.18	24%	-
Restaurant	Water Heat	Dishwasher	High Temp Commercial High Efficiency	Standard High Temp Commercial Dishwasher	Per Dishwasher	Existing	8,503.54	14	$ 442.50	52%	817
Restaurant	Water Heat	Dishwasher	High Temp Commercial High Efficiency	Standard High Temp Commercial Dishwasher	Per Dishwasher	New	8,503.54	14	$ 442.50	52%	37
Restaurant	Water Heat	Dishwasher	Low-Temp Commercial Dishwasher (Includes	Standard High Temp Commercial Dishwasher	Per Dishwasher	Existing	13,317.78	14	$ 307.50	62%	4,966
Restaurant	Water Heat	Dishwasher	Low-Temp Commercial Dishwasher (Includes	Standard High Temp Commercial Dishwasher	Per Dishwasher	New	13,317.78	14	$ 307.50	62%	224
Restaurant	Water Heat	Drainwater Heat Recovery	Install Power-Pipe or GFX System	No GFX or Power-Pipe System	Per 40 Gal Water Heater	Existing	1,290.64	40	$ 833.35	60%	642
Restaurant	Water Heat	Drainwater Heat Recovery	Install Power-Pipe or GFX System	No GFX or Power-Pipe System	Per 40 Gal Water Heater	New	1,290.64	40	$ 666.68	83%	42
Restaurant	Water Heat	Faucet Aerator	0.5 GPM	Existing Aerator (3.0 GPM)	Per Aerator	Existing	100.83	10	$ 4.76	67%	95
Restaurant	Water Heat	Low-Flow Spray Heads	1.0 GPM	1.6 GPM (Code)	Per Spray Head	Existing	485.60	5	$ 39.09	81%	226
Restaurant	Water Heat	Low-Flow Spray Heads	1.0 GPM	1.6 GPM (Code)	Per Spray Head	New	485.60	5	$ 39.09	81%	11
Restaurant	Water Heat	Low-Flow Spray Heads	1.6 GPM (Code)	Existing Spray Head (2.5 GPM)	Per Spray Head	Existing	728.40	5	$ 30.00	52%	229
Restaurant	Water Heat	Ultrasonic Faucet Control	Install Ultrasonic Faucet Control	No Faucet Control	Per Faucet	Existing	121.00	10	$ 196.25	71%	-
Restaurant	Water Heat	Ultrasonic Faucet Control	Install Ultrasonic Faucet Control	No Faucet Control	Per Faucet	New	121.00	10	$ 196.25	71%	-
Restaurant	Water Heat	Water Heater - Pipe Insulation	Hot Water Pipe Insulation (R-4)	No Pipe Insulation	Per Linear Foot	Existing	20.17	13	$ 2.10	56%	33
Restaurant	Water Heat	Water Heater - Tank Blanket/Insulation	Install Insulation (R-11)	No Tank Insulation	Per Water Heater	Existing	258.13	7	$ 62.60	5%	9

Restaurant	Water Heat	Water Heater - Thermostat Setback	Install Programmable Thermostat (120 Degrees)	No Thermostat Setback (130 Degrees)	Per Water Heater	Existing	877.99	4	$ 102.34	80%	514
Restaurant	Water Heat	Water Heating - ENERGY STAR	ENERGY STAR Heat Pump Water Heater EF =	Standard Water Heater EF = 0.92	Per Building SqFt	Existing	2.34	13	$ 1.09	75%	1,633
Restaurant	Water Heat	Water Heating - ENERGY STAR	ENERGY STAR Heat Pump Water Heater EF =	Standard Water Heater EF = 0.92	Per Building SqFt	New	2.34	13	$ 1.09	75%	147
Restaurant	Water Heat	Water Heating - Storage 2015 Standard	2015 Standard Water Heater EF = 0.95	Standard Water Heater EF = 0.92	Per Building SqFt	Existing	0.11	13	$ 0.04	100%	27
Restaurant	Water Heat	Water Heating - Storage 2015 Standard	2015 Standard Water Heater EF = 0.95	Standard Water Heater EF = 0.92	Per Building SqFt	New	0.11	13	$ 0.04	100%	2
Restaurant	Water Heat	Water Heating - Storage Below	Below Standard Water Heater EF = 0.86	Below Standard Water Heater EF = 0.86	Per Building SqFt	Existing	-	13	$ -	100%	-
Restaurant	Water Heat	Water Heating - Storage Below	Below Standard Water Heater EF = 0.86	Below Standard Water Heater EF = 0.86	Per Building SqFt	New	-	13	$ -	100%	-
Restaurant	Water Heat	Water Heating - Storage Standard	Standard Water Heater EF = 0.92	Standard Water Heater EF = 0.92	Per Building SqFt	Existing	-	13	$ -	100%	-
Restaurant	Water Heat	Water Heating - Storage Standard	Standard Water Heater EF = 0.92	Standard Water Heater EF = 0.92	Per Building SqFt	New	-	13	$ -	100%	-
Restaurant	Water Heat	Water Heating - Tankless	Tankless Water Heater EF = 0.95	Standard Water Heater EF = 0.92	Per Building SqFt	Existing	0.26	13	$ 0.24	0%	-
Restaurant	Water Heat	Water Heating - Tankless	Tankless Water Heater EF = 0.95	Standard Water Heater EF = 0.92	Per Building SqFt	New	0.26	13	$ 0.24	0%	-
Small Office	Computers	Computer - ENERGY STAR	ENERGY STAR Computer	Standard Computer	Per Building SqFt	Existing	0.32	4	$ 0.07	100%	2,891
Small Office	Computers	Computer - ENERGY STAR	ENERGY STAR Computer	Standard Computer	Per Building SqFt	New	0.32	4	$ 0.07	100%	173
Small Office	Computers	Computer - Standard	Standard Computer	Standard Computer	Per Building SqFt	Existing	-	4	$ -	100%	-
Small Office	Computers	Computer - Standard	Standard Computer	Standard Computer	Per Building SqFt	New	-	4	$ -	100%	-
Small Office	Computers	Office Computer Network Energy	Office Computer Network Energy Management	No Network Management	Per Computer	Existing	88.00	5	$ 12.00	71%	1,426
Small Office	Computers	Office Computer Network Energy	Office Computer Network Energy Management	No Network Management	Per Computer	New	88.00	5	$ 12.00	71%	82
Small Office	Cooling DX	Advanced Control Technology	Advanced Control Technologies for Packaged	Standard Controls	Per 5 Tons of Cooling	Existing	570.14	15	$ 4,920.00	15%	-
Small Office	Cooling DX	Commissioning	Commissioning/QI - New Installation	No Commissioning	Per SqFt	New	0.21	7	$ 1.16	90%	-
Small Office	Cooling DX	Cool Roofs	ENERGY STAR Cool Roof - Reflect Material	Standard Roof	Per Roof Area SqFt	Existing	0.21	15	$ 0.68	34%	-
Small Office	Cooling DX	Cool Roofs	ENERGY STAR Cool Roof - Reflect Material	Standard Roof	Per Roof Area SqFt	New	0.16	15	$ 0.68	34%	-
Small Office	Cooling DX	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	Existing	1,187.24	5	$ 2,377.33	9%	-
Small Office	Cooling DX	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	New	929.63	5	$ 2,629.68	9%	-
Small Office	Cooling DX	Direct Digital Control System-	DDC Retrofit - EMS Upgrade	Pneumatic	Per Building	Existing	1,780.86	5	$ 4,152.44	2%	-
Small Office	Cooling DX	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	Existing	24.79	20	$ 477.04	76%	-
Small Office	Cooling DX	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	New	24.79	20	$ 477.04	76%	-
Small Office	Cooling DX	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	Existing	11.02	20	$ 60.58	62%	16
Small Office	Cooling DX	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	New	11.02	20	$ 60.58	62%	1
Small Office	Cooling DX	Duct Repair And Sealing	Reduction In Duct Losses to 5%	No Repair or Sealing, 15% duct losses	Per Building SqFt	Existing	0.06	18	$ 0.24	38%	178
Small Office	Cooling DX	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	Existing	0.21	30	$ 10.13	75%	-
Small Office	Cooling DX	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	New	0.16	30	$ 10.13	75%	-
Small Office	Cooling DX	Infiltration Control	Weather-Stripping	Standard Practice	Per Window SqFt	Existing	0.66	13	$ 0.39	51%	294
Small Office	Cooling DX	Insulation - Duct	New Duct Insulation (R-8) (Unconditioned	No Insulation	Per Surface Area of Duct	Existing	1.13	20	$ 2.61	15%	120
Small Office	Cooling DX	Insulation - Floor	R-30	Average Existing Insulation (R-10)	Per Floor Area SqFt	Existing	0.02	25	$ 1.82	29%	-
Small Office	Cooling DX	Insulation - Roof	R-20ci	Average Existing Insulation (R-10)	Per Roof Area SqFt	Existing	0.02	25	$ 1.77	13%	-
Small Office	Cooling DX	Insulation - Wall	R-13+R-7.5ci	Average Existing Insulation (R-10)	Per Wall Area SqFt	Existing	0.05	25	$ 1.84	33%	-
Small Office	Cooling DX	Package Terminal - Air Conditioner	High Efficiency Package Terminal Air	Federal Standard Equipment	Per Package Terminal AC	Existing	55.42	9	$ 88.00	7%	-
Small Office	Cooling DX	Package Terminal - Air Conditioner	High Efficiency Package Terminal Air	Federal Standard Equipment	Per Package Terminal AC	New	55.42	9	$ 88.00	7%	-
Small Office	Cooling DX	Retro-Commissioning	Retro-Commissioning	No Retro-Commissioning	Per SqFt	Existing	0.34	7	$ 0.30	90%	2,725
Small Office	Cooling DX	Rooftop DX Unit - Below Standard	Below Standard 9.5 EER, Air-Cooled = 135 and	Below Standard 9.5 EER, Air-Cooled = 135 and	Per Building SqFt	Existing	-	15	$ -	100%	-
Small Office	Cooling DX	Rooftop DX Unit - Below Standard	Below Standard 9.5 EER, Air-Cooled = 135 and	Below Standard 9.5 EER, Air-Cooled = 135 and	Per Building SqFt	New	-	15	$ -	100%	-
Small Office	Cooling DX	Rooftop DX Unit - CEE Tier 1	CEE Tier 1 11.5 EER, Air-Cooled = 135 and <	Federal Standard 11.0 EER, Air-Cooled = 135	Per Building SqFt	Existing	0.09	15	$ 0.07	100%	-
Small Office	Cooling DX	Rooftop DX Unit - CEE Tier 1	CEE Tier 1 11.5 EER, Air-Cooled = 135 and <	Federal Standard 11.0 EER, Air-Cooled = 135	Per Building SqFt	New	0.07	15	$ 0.07	100%	-
Small Office	Cooling DX	Rooftop DX Unit - CEE Tier 2	CEE Tier 2 12.0 EER, Air-Cooled = 135 and <	Federal Standard 11.0 EER, Air-Cooled = 135	Per Building SqFt	Existing	0.18	15	$ 0.13	100%	679
Small Office	Cooling DX	Rooftop DX Unit - CEE Tier 2	CEE Tier 2 12.0 EER, Air-Cooled = 135 and <	Federal Standard 11.0 EER, Air-Cooled = 135	Per Building SqFt	New	0.14	15	$ 0.13	100%	78
Small Office	Cooling DX	Rooftop DX Unit - Standard	Federal Standard 11.0 EER, Air-Cooled = 135	Federal Standard 11.0 EER, Air-Cooled = 135	Per Building SqFt	Existing	-	15	$ -	100%	-
Small Office	Cooling DX	Rooftop DX Unit - Standard	Federal Standard 11.0 EER, Air-Cooled = 135	Federal Standard 11.0 EER, Air-Cooled = 135	Per Building SqFt	New	-	15	$ -	100%	-
Small Office	Cooling DX	Thermostat Programmable	Setback Thermostat 5-1-1, 5-2 or 7-day	Manual Thermostat	Per Thermostat	Existing	356.17	15	$ 138.50	80%	477
Small Office	Cooling DX	Tune-up - Air Conditioner	Air Conditioner Maintenance (Tune-up)	Unmaintained Air Conditioner	Per Ton	Existing	67.08	3	$ 48.00	48%	-
Small Office	Cooling DX	Variable Air-Volume Systems	Install Variable Air-Volume System	Constant Volume System	Per Building SqFt	Existing	0.63	15	$ 1.19	10%	578
Small Office	Cooling DX	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	Existing	0.10	25	$ 3.67	9%	-
Small Office	Cooling DX	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	New	0.10	25	$ 3.67	11%	-
Small Office	Cooling DX	Window - Metal Framing	U-Value = 0.55 (Code Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	0.11	25	$ 27.83	2%	-
Small Office	Cooling DX	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	Existing	0.07	25	$ 2.08	70%	-
Small Office	Cooling DX	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	New	0.07	25	$ 2.08	78%	-
Small Office	Cooling DX	Window - Non-Metal Framing	U-Value = 0.35 (Code Non-Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	0.33	25	$ 42.42	68%	-
Small Office	Cooling DX	Window Air Conditioner	CEE TIER 1 = 11.3 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Window AC	Existing	88.04	9	$ 406.80	32%	-
Small Office	Cooling DX	Window Air Conditioner	CEE TIER 1 = 11.3 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Window AC	New	88.04	9	$ 406.80	32%	-
Small Office	Cooling DX	Window Air Conditioner	CEE TIER 2 = 11.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Window AC	Existing	112.42	9	$ 771.98	33%	-
Small Office	Cooling DX	Window Air Conditioner	CEE TIER 2 = 11.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Window AC	New	112.42	9	$ 771.98	33%	-
Small Office	Cooling DX	Window Air Conditioner	ENERGY STAR = 10.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Window AC	Existing	61.41	9	$ 41.62	26%	25
Small Office	Cooling DX	Window Air Conditioner	ENERGY STAR = 10.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Window AC	New	61.41	9	$ 41.62	26%	2
Small Office	Ext Lighting	Exterior Lighting - Standard	Standard Exterior Lighting	Standard Exterior Lighting	Per Building SqFt	Existing	-	14	$ -	100%	-

Small Office	Ext Lighting	Exterior Lighting - Standard	Standard Exterior Lighting	Standard Exterior Lighting	Per Building SqFt	New	-	14	$ -	100%	-
Small Office	Ext Lighting	Lighting - LED Lighting Package	Exterior LED Lighting Package	Standard Lighting	Per Lighting Package	Existing	12.28	13	$ 85.90	66%	-
Small Office	Ext Lighting	Lighting - High Intensity Discharge	High Efficiency Metal Halide Lighting Packages	Standard HID Lighting	Per Lighting Package	Existing	5.29	5	$ 3.84	62%	-
Small Office	Ext Lighting	Lighting - Induction Lighting Package	Induction Lighting Package	Standard HID Lighting	Per Lighting Package	Existing	15.04	13	$ 21.02	67%	-
Small Office	Fax	Fax - ENERGY STAR	ENERGY STAR Fax	Standard Fax	Per Building SqFt	Existing	0.00	6	$ 0.00	100%	35
Small Office	Fax	Fax - ENERGY STAR	ENERGY STAR Fax	Standard Fax	Per Building SqFt	New	0.00	6	$ 0.00	100%	2
Small Office	Fax	Fax - Standard	Standard Fax	Standard Fax	Per Building SqFt	Existing	-	6	$ -	100%	-
Small Office	Fax	Fax - Standard	Standard Fax	Standard Fax	Per Building SqFt	New	-	6	$ -	100%	-
Small Office	Flat Screen	Monitor - ENERGY STAR Flat Screen	ENERGY STAR Flat Screen Monitor	Standard Flat Screen Monitor	Per Building SqFt	Existing	0.00	4	$ 0.00	100%	-
Small Office	Flat Screen	Monitor - ENERGY STAR Flat Screen	ENERGY STAR Flat Screen Monitor	Standard Flat Screen Monitor	Per Building SqFt	New	0.00	4	$ 0.00	100%	-
Small Office	Flat Screen	Monitor - Standard Flat Screen	Standard Flat Screen Monitor	Standard Flat Screen Monitor	Per Building SqFt	Existing	-	4	$ -	100%	-
Small Office	Flat Screen	Monitor - Standard Flat Screen	Standard Flat Screen Monitor	Standard Flat Screen Monitor	Per Building SqFt	New	-	4	$ -	100%	-
Small Office	Freezers	Freezer - 2014 Federal Standard	2014 Standard Freezer	Standard Freezer	Per Building SqFt	Existing	0.00	12	$ 0.00	100%	-
Small Office	Freezers	Freezer - 2014 Federal Standard	2014 Standard Freezer	Standard Freezer	Per Building SqFt	New	0.00	12	$ 0.00	100%	-
Small Office	Freezers	Freezer - Below Standard	Below Standard Freezer	Below Standard Freezer	Per Building SqFt	Existing	-	12	$ -	100%	-
Small Office	Freezers	Freezer - Below Standard	Below Standard Freezer	Below Standard Freezer	Per Building SqFt	New	-	12	$ -	100%	-
Small Office	Freezers	Freezer - ENERGY STAR	ENERGY STAR Freezer	Standard Freezer	Per Building SqFt	Existing	0.00	12	$ 0.00	100%	-
Small Office	Freezers	Freezer - ENERGY STAR	ENERGY STAR Freezer	Standard Freezer	Per Building SqFt	New	0.00	12	$ 0.00	100%	-
Small Office	Freezers	Freezer - Standard	Standard Freezer	Standard Freezer	Per Building SqFt	Existing	-	12	$ -	100%	-
Small Office	Freezers	Freezer - Standard	Standard Freezer	Standard Freezer	Per Building SqFt	New	-	12	$ -	100%	-
Small Office	HVAC Aux	ECM Motor	Central Air Conditioner ECM Fan	Standard Motor	Per ECM	Existing	651.82	15	$ 200.00	42%	545
Small Office	HVAC Aux	ECM Motor	Central Air Conditioner ECM Fan	Standard Motor	Per ECM	New	551.87	15	$ 200.00	61%	39
Small Office	HVAC Aux	ECM Motor	Electric Furnace ECM Fan	Standard Motor	Per ECM	Existing	651.82	15	$ 200.00	10%	128
Small Office	HVAC Aux	ECM Motor	Electric Furnace ECM Fan	Standard Motor	Per ECM	New	551.87	15	$ 200.00	14%	9
Small Office	HVAC Aux	ECM Motor	Gas Furnace ECM Fan (CEE Air Handling Ratio	Standard Motor	Per ECM	Existing	651.82	15	$ 200.00	49%	631
Small Office	HVAC Aux	ECM Motor	Gas Furnace ECM Fan (CEE Air Handling Ratio	Standard Motor	Per ECM	New	551.87	15	$ 200.00	71%	46
Small Office	HVAC Aux	HVAC Auxillary - Standard Equipment	Standard HVAC Auxillary	Standard HVAC Auxillary	Per Building SqFt	Existing	-	15	$ -	100%	-
Small Office	HVAC Aux	HVAC Auxillary - Standard Equipment	Standard HVAC Auxillary	Standard HVAC Auxillary	Per Building SqFt	New	-	15	$ -	100%	-
Small Office	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 1-15 HP, 1200-3600	NEMA Qualifying Standard Motor	Per Motor	Existing	75.68	15	$ 274.24	67%	-
Small Office	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 1-15 HP, 1200-3600	NEMA Qualifying Standard Motor	Per Motor	New	75.68	15	$ 274.24	67%	-
Small Office	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 125-200 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	Existing	2,066.69	15	$ 2,036.86	0%	0
Small Office	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 125-200 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	New	518.91	15	$ 2,036.86	9%	-
Small Office	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 20-40 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	Existing	518.91	15	$ 678.39	9%	-
Small Office	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 20-40 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	New	1,143.16	15	$ 678.39	1%	0
Small Office	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 250-500 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	Existing	5,959.61	15	$ 4,197.32	0%	0
Small Office	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 250-500 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	New	2,066.69	15	$ 4,197.32	0%	-
Small Office	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 50-100 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	Existing	1,143.16	15	$ 1,375.63	1%	1
Small Office	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 50-100 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	New	5,959.61	15	$ 1,375.63	0%	0
Small Office	HVAC Aux	Variable Air-Volume Systems	Install Variable Air-Volume System	Constant Volume System	Per Building SqFt	Existing	0.16	15	$ 1.19	10%	-
Small Office	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 1-15 HP	Constant Speed Motor	Per Building	Existing	1,522.77	15	$ 337.05	67%	2,036
Small Office	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 1-15 HP	Constant Speed Motor	Per Building	New	1,289.27	15	$ 337.05	67%	100
Small Office	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 125-200 HP	Constant Speed Motor	Per Building	Existing	1,522.77	15	$ 158.31	1%	19
Small Office	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 125-200 HP	Constant Speed Motor	Per Building	New	1,289.27	15	$ 158.31	1%	1
Small Office	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 20-40 HP	Constant Speed Motor	Per Building	Existing	1,522.77	15	$ 195.34	4%	131
Small Office	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 20-40 HP	Constant Speed Motor	Per Building	New	1,289.27	15	$ 195.34	4%	6
Small Office	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 250-500 HP	Constant Speed Motor	Per Building	Existing	1,522.77	15	$ 120.14	0%	7
Small Office	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 250-500 HP	Constant Speed Motor	Per Building	New	1,289.27	15	$ 120.14	0%	0
Small Office	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 50-100 HP	Constant Speed Motor	Per Building	Existing	1,522.77	15	$ 240.66	1%	42
Small Office	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 50-100 HP	Constant Speed Motor	Per Building	New	1,289.27	15	$ 240.66	1%	2
Small Office	Heat Pump	Commissioning	Commissioning/QI - New Installation	No Commissioning	Per SqFt	New	0.90	7	$ 1.16	90%	-
Small Office	Heat Pump	Cool Roofs	ENERGY STAR Cool Roof - Reflect Material	Standard Roof	Per Roof Area SqFt	Existing	0.23	15	$ 0.68	34%	-
Small Office	Heat Pump	Cool Roofs	ENERGY STAR Cool Roof - Reflect Material	Standard Roof	Per Roof Area SqFt	New	0.13	15	$ 0.68	34%	-
Small Office	Heat Pump	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	Existing	4,311.69	5	$ 4,754.66	9%	-
Small Office	Heat Pump	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	New	3,896.68	5	$ 4,754.66	9%	-
Small Office	Heat Pump	Direct Digital Control System-	DDC Retrofit - EMS Upgrade	Pneumatic	Per Building	Existing	6,467.53	5	$ 8,304.89	2%	-
Small Office	Heat Pump	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	Existing	296.41	20	$ 477.04	76%	-
Small Office	Heat Pump	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	New	296.41	20	$ 477.04	76%	-
Small Office	Heat Pump	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	Existing	131.74	20	$ 60.58	62%	31
Small Office	Heat Pump	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	New	131.74	20	$ 60.58	62%	2
Small Office	Heat Pump	Duct Repair And Sealing	Reduction In Duct Losses to 5%	No Repair or Sealing, 15% duct losses	Per Building SqFt	Existing	0.23	18	$ 0.24	38%	91
Small Office	Heat Pump	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	Existing	0.23	30	$ 10.13	75%	-
Small Office	Heat Pump	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	New	0.13	30	$ 10.13	75%	-
Small Office	Heat Pump	Heat Pump - Below Standard	Below Standard Air Source Heat Pump 9.0 EER	Below Standard Air Source Heat Pump 9.0 EER	Per Building SqFt	Existing	-	15	$ -	100%	-

Small Office	Heat Pump	Heat Pump - Below Standard	Below Standard Air Source Heat Pump 9.0 EER	Below Standard Air Source Heat Pump 9.0 EER	Per Building SqFt	New	-	15	$ -	100%	-
Small Office	Heat Pump	Heat Pump - ENERGY STAR	ENERGY STAR Ground Source Heat Pump	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	Existing	1.34	15	$ 18.97	5%	-
Small Office	Heat Pump	Heat Pump - ENERGY STAR	ENERGY STAR Ground Source Heat Pump	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	New	1.16	15	$ 12.20	5%	-
Small Office	Heat Pump	Heat Pump - High Efficiency	High Efficiency Air Source Heat Pump 11.1 EER	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	Existing	0.26	15	$ 0.17	100%	136
Small Office	Heat Pump	Heat Pump - High Efficiency	High Efficiency Air Source Heat Pump 11.1 EER	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	New	0.23	15	$ 0.17	100%	14
Small Office	Heat Pump	Heat Pump - Premium Efficiency	Premium Efficiency Water Source Heat Pump	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	Existing	1.56	15	$ 0.89	5%	42
Small Office	Heat Pump	Heat Pump - Premium Efficiency	Premium Efficiency Water Source Heat Pump	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	New	1.44	15	$ 1.03	5%	4
Small Office	Heat Pump	Heat Pump - Standard	Federal Standard Air Source Heat Pump 10.6	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	Existing	-	15	$ -	100%	-
Small Office	Heat Pump	Heat Pump - Standard	Federal Standard Air Source Heat Pump 10.6	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	New	-	15	$ -	100%	-
Small Office	Heat Pump	Heat Pump - Variable Refrigerant Flow	Variable Refrigerant Flow System (VRF) - Heat	Packaged VAV With Electric Reheat	Per Ton	Existing	925.67	15	$ 540.00	33%	1,170
Small Office	Heat Pump	Heat Pump - Variable Refrigerant Flow	Variable Refrigerant Flow System (VRF) - Heat	Packaged VAV With Electric Reheat	Per Ton	New	836.58	15	$ 540.00	81%	182
Small Office	Heat Pump	Infiltration Control	Weather-Stripping	Standard Practice	Per Window SqFt	Existing	4.61	13	$ 0.39	51%	339
Small Office	Heat Pump	Insulation - Duct	New Duct Insulation (R-8) (Unconditioned	No Insulation	Per Surface Area of Duct	Existing	4.09	20	$ 2.61	15%	69
Small Office	Heat Pump	Insulation - Floor	R-30	Average Existing Insulation (R-10)	Per Floor Area SqFt	Existing	0.29	25	$ 1.82	29%	-
Small Office	Heat Pump	Insulation - Roof	R-20ci	Average Existing Insulation (R-10)	Per Roof Area SqFt	Existing	0.19	25	$ 1.77	13%	-
Small Office	Heat Pump	Insulation - Wall	R-13+R-7.5ci	Average Existing Insulation (R-10)	Per Wall Area SqFt	Existing	0.59	25	$ 1.84	33%	-
Small Office	Heat Pump	Package Terminal - Heat Pump	High Efficiency Package Terminal Air	Federal Standard Equipment	Per Ton	Existing	55.42	15	$ 150.01	10%	-
Small Office	Heat Pump	Package Terminal - Heat Pump	High Efficiency Package Terminal Air	Federal Standard Equipment	Per Ton	New	55.42	15	$ 150.01	10%	-
Small Office	Heat Pump	Retro-Commissioning	Retro-Commissioning	No Retro-Commissioning	Per SqFt	Existing	1.22	7	$ 0.30	90%	1,563
Small Office	Heat Pump	Thermostat Programmable	Setback Thermostat 5-1-1, 5-2 or 7-day	Manual Thermostat	Per Thermostat	Existing	1,293.51	15	$ 138.50	80%	270
Small Office	Heat Pump	Tune-up - Air Source Heat Pump	Air Source Heat Pump Maintenance (Tune-up)	Unmaintained Air Source Heat Pump	Per Ton	Existing	243.60	3	$ 48.00	48%	19
Small Office	Heat Pump	Tune-up - Ground Source Heat Pump	Ground Source Heat Pump Maintenance (Tune-	Unmaintained Ground Source Heat Pump	Per Ton	Existing	243.60	3	$ 48.00	48%	19
Small Office	Heat Pump	Variable Air-Volume Systems	Install Variable Air-Volume System	Constant Volume System	Per Building SqFt	Existing	1.39	15	$ 1.19	10%	204
Small Office	Heat Pump	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	Existing	1.22	25	$ 3.67	9%	-
Small Office	Heat Pump	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	New	1.22	25	$ 3.67	11%	-
Small Office	Heat Pump	Window - Metal Framing	U-Value = 0.55 (Code Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	1.27	25	$ 27.83	2%	-
Small Office	Heat Pump	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	Existing	0.78	25	$ 2.08	70%	-
Small Office	Heat Pump	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	New	0.78	25	$ 2.08	78%	-
Small Office	Heat Pump	Window - Non-Metal Framing	U-Value = 0.35 (Code Non-Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	3.90	25	$ 42.42	68%	-
Small Office	Lighting	Bi-Level Control, Stairwell Lighting	Bi-Level Stairwell Occupancy Sensor Control,	Continuous Full Power Lighting in Stairways	Per Stairwell Lighting Control	Existing	95.62	9	$ 107.50	68%	-
Small Office	Lighting	Bi-Level Control, Stairwell Lighting	Bi-Level Stairwell Occupancy Sensor Control,	Continuous Full Power Lighting in Stairways	Per Stairwell Lighting Control	New	54.62	9	$ 107.50	68%	-
Small Office	Lighting	Ceiling Fans	ENERGY STAR Ceiling Fans with Light Kit	Standard Ceiling Fan	Per Ceiling Fan	Existing	98.55	10	$ 119.55	85%	-
Small Office	Lighting	Ceiling Fans	ENERGY STAR Ceiling Fans with Light Kit	Standard Ceiling Fan	Per Ceiling Fan	New	98.55	10	$ 119.55	85%	-
Small Office	Lighting	Daylighting Controls	Continuous Dimming, Fluorescent Fixtures (Day-	No Dimming Controls	Per Applicable SQFT of Dimmable Perimeter	Existing	3.35	9	$ 1.67	66%	4,935
Small Office	Lighting	Daylighting Controls	Continuous Dimming, Fluorescent Fixtures (Day-	No Dimming Controls	Per Applicable SQFT of Dimmable Perimeter	New	1.91	13	$ 1.67	0%	-
Small Office	Lighting	Daylighting Controls	Dual Level Switches, Fluorescent Fixtures	No Dimming Controls	Per Applicable SQFT of Dimmable Perimeter	Existing	1.37	9	$ 0.83	66%	1,062
Small Office	Lighting	Daylighting Controls	Dual Level Switches, Fluorescent Fixtures	No Dimming Controls	Per Applicable SQFT of Dimmable Perimeter	New	0.79	13	$ 0.83	0%	-
Small Office	Lighting	Exit Sign - LED	LED Exit Signs	CFL Exit Sign	Per Exit Sign	Existing	175.20	11	$ 68.22	38%	286
Small Office	Lighting	Exit Sign - Photoluminescent	Photoluminescent Exit Sign	LED Exit Sign	Per Exit Sign	Existing	35.04	13	$ 30.00	93%	141
Small Office	Lighting	Exit Sign - Photoluminescent	Photoluminescent Exit Sign	LED Exit Sign	Per Exit Sign	New	35.04	13	$ 30.00	93%	8
Small Office	Lighting	LED Strip Lighting	LED Strip Lighting (Non-Refrigerated)	Fluorescent	Per Linear Foot of Lighting	Existing	0.44	11	$ 2.99	78%	-
Small Office	Lighting	LED Strip Lighting	LED Strip Lighting (Non-Refrigerated)	Fluorescent	Per Linear Foot of Lighting	New	0.44	11	$ 2.99	78%	-
Small Office	Lighting	LightLouver Daylighting System	LightLouver Daylighting System	No Daylight System	Per Linear Feet of Window	Existing	49.82	9	$ 65.00	40%	-
Small Office	Lighting	Lighting - CFL Lamp Package	ENERGY STAR CFL	EISA Incandescent	Per Building	Existing	1,776.69	2	$ 13.80	68%	632
Small Office	Lighting	Lighting - Clock/Timer	Lighting Clock/Timer Commercial grade	No Time Clock	Per Lighting Control	Existing	1,642.88	9	$ 205.43	42%	1,391
Small Office	Lighting	Lighting - Fluorescent High	Fluorescent HP Lamps and Ballasts Packages	Standard Lighting	Per Lighting Package	Existing	2,853.63	13	$ 7,049.55	90%	-
Small Office	Lighting	Lighting - Fluorescent Reduced	Fluorescent RW Lamps and Ballasts Packages	Standard Lighting	Per Lighting Package	Existing	5,707.26	13	$ 5,796.74	76%	8,654
Small Office	Lighting	Lighting - Induction Lighting Package	Induction Lighting Package	Standard HID Lighting	Per Lighting Package	Existing	623.45	20	$ 1,157.25	38%	-
Small Office	Lighting	Lighting - LED Lamp Package	ENERGY STAR LED	EISA Incandescent	Per Lighting Package	Existing	2,140.33	12	$ 643.29	73%	3,138
Small Office	Lighting	Lighting - LPD Package	LPD Reduction Package 15%	LPD Code	Per Lighting Package	New	2,887.65	15	$ 48.53	68%	63
Small Office	Lighting	Lighting - LPD Package	LPD Reduction Package 25%	LPD Code	Per Lighting Package	New	4,812.75	15	$ 595.31	71%	399
Small Office	Lighting	Lighting - Specialty Lamp Package	CFL and LED Specialty Lamp Package	Standard Incandescent	Per Lighting Package	Existing	200.85	4	$ 17.08	81%	324
Small Office	Lighting	Lighting - Standard	Standard Lighting	Standard Lighting	Per Building SqFt	Existing	-	14	$ -	100%	-
Small Office	Lighting	Lighting - Standard	Standard Lighting	Standard Lighting	Per Building SqFt	New	-	14	$ -	100%	-
Small Office	Lighting	Occupancy Sensor - High-Bay	Fixture-Mounted (Control > 150 Watts)	No Sensor	Per Lighting Control	Existing	941.26	14	$ 225.00	3%	29
Small Office	Lighting	Occupancy Sensor - High-Bay	Fixture-Mounted (Control > 150 Watts)	No Sensor	Per Lighting Control	New	537.69	14	$ 225.00	3%	1
Small Office	Lighting	Occupancy Sensor - Wall or Ceiling	Wall or Ceiling-Mounted (Control > 400 Watts)	No Sensor	Per Lighting Control	Existing	82.36	14	$ 225.00	69%	-
Small Office	Lighting	Occupancy Sensor - Wall or Ceiling	Wall or Ceiling-Mounted (Control > 400 Watts)	No Sensor	Per Lighting Control	New	47.05	14	$ 225.00	69%	-
Small Office	Other	Other - Standard	Standard Other Equipment	Standard Other Equipment	Per Building SqFt	Existing	-	10	$ -	100%	-
Small Office	Other	Other - Standard	Standard Other Equipment	Standard Other Equipment	Per Building SqFt	New	-	10	$ -	100%	-
Small Office	Other	Transformers	Transformers, Three-Phase Low-Voltage Dry-	Standard Efficiency Transformer NEMA TP-1-	Per Transformer	Existing	174.78	30	$ 448.00	50%	-
Small Office	Other	Transformers	Transformers, Three-Phase Low-Voltage Dry-	Standard Efficiency Transformer NEMA TP-1-	Per Transformer	New	174.78	30	$ 448.00	50%	-
Small Office	Other Plug	All-In-One Office Equipment	All-In-One ENERGY STAR Office Equipment	Non-ENERGY STAR Features	Per All-in-One Device	Existing	200.08	6	$ 218.33	68%	-

Small Office	Other Plug	All-In-One Office Equipment	All-In-One ENERGY STAR Office Equipment	Non-ENERGY STAR Features	Per All-in-One Device	New	200.08	6	$ 218.33	68%	-
Small Office	Other Plug	Ceiling Fans	ENERGY STAR Ceiling Fans with Light Kit	Standard Ceiling Fan	Per Ceiling Fan	Existing	4.33	10	$ 119.55	85%	-
Small Office	Other Plug	Ceiling Fans	ENERGY STAR Ceiling Fans with Light Kit	Standard Ceiling Fan	Per Ceiling Fan	New	4.33	10	$ 119.55	85%	-
Small Office	Other Plug	Ceiling Fans	ENERGY STAR Ceiling Fans without Light Kit	Standard Ceiling Fan	Per Ceiling Fan	Existing	4.33	10	$ 1.46	85%	15
Small Office	Other Plug	Ceiling Fans	ENERGY STAR Ceiling Fans without Light Kit	Standard Ceiling Fan	Per Ceiling Fan	New	4.33	10	$ 1.46	85%	1
Small Office	Other Plug	Plug Load - Standard Equipment	Standard Plug Load	Standard Plug Load	Per Building SqFt	Existing	-	10	$ -	100%	-
Small Office	Other Plug	Plug Load - Standard Equipment	Standard Plug Load	Standard Plug Load	Per Building SqFt	New	-	10	$ -	100%	-
Small Office	Other Plug	Snow Melt System Control	Snow Melt System Control	Manual Control	Per Snow Melt Control	Existing	74.81	25	$ 2,782.00	5%	-
Small Office	Other Plug	Snow Melt System Control	Snow Melt System Control	Manual Control	Per Snow Melt Control	New	83.22	25	$ 2,782.00	0%	-
Small Office	Other Plug	Water Coolers	ENERGY STAR Water Cooler	Non-ENERGY STAR Water Cooler	Per Water Cooler	Existing	15.34	10	$ 5.00	49%	15
Small Office	Other Plug	Water Coolers	ENERGY STAR Water Cooler	Non-ENERGY STAR Water Cooler	Per Water Cooler	New	17.07	10	$ 5.00	49%	1
Small Office	Photo	Photo Copier - ENERGY STAR	ENERGY STAR Photo Copier	Standard Photo Copier	Per Building SqFt	Existing	0.01	6	$ 0.02	100%	-
Small Office	Photo	Photo Copier - ENERGY STAR	ENERGY STAR Photo Copier	Standard Photo Copier	Per Building SqFt	New	0.01	6	$ 0.02	100%	-
Small Office	Photo	Photo Copiers - Standard	Standard Photo Copier	Standard Photo Copier	Per Building SqFt	Existing	-	6	$ -	100%	-
Small Office	Photo	Photo Copiers - Standard	Standard Photo Copier	Standard Photo Copier	Per Building SqFt	New	-	6	$ -	100%	-
Small Office	Printers	Printers - ENERGY STAR	ENERGY STAR Printers	Standard Printers	Per Building SqFt	Existing	0.06	6	$ 0.01	100%	591
Small Office	Printers	Printers - ENERGY STAR	ENERGY STAR Printers	Standard Printers	Per Building SqFt	New	0.06	6	$ 0.01	100%	41
Small Office	Printers	Printers - Standard	Standard Printers	Standard Printers	Per Building SqFt	Existing	-	6	$ 0.01	100%	-
Small Office	Printers	Printers - Standard	Standard Printers	Standard Printers	Per Building SqFt	New	-	6	$ 0.01	100%	-
Small Office	Refrigerator	Refrigerator - 2014 Federal Standard	2014 Standard Refrigerator	Standard Refrigerator	Per Building SqFt	Existing	0.03	13	$ 0.10	100%	-
Small Office	Refrigerator	Refrigerator - 2014 Federal Standard	2014 Standard Refrigerator	Standard Refrigerator	Per Building SqFt	New	0.03	13	$ 0.10	100%	-
Small Office	Refrigerator	Refrigerator - Below Standard	Below Standard Refrigerator	Below Standard Refrigerator	Per Building SqFt	Existing	-	13	$ -	100%	-
Small Office	Refrigerator	Refrigerator - Below Standard	Below Standard Refrigerator	Below Standard Refrigerator	Per Building SqFt	New	-	13	$ -	100%	-
Small Office	Refrigerator	Refrigerator - CEE Tier 1	CEE Tier 1 Refrigerator	Standard Refrigerator	Per Building SqFt	Existing	0.04	13	$ 0.14	100%	-
Small Office	Refrigerator	Refrigerator - CEE Tier 1	CEE Tier 1 Refrigerator	Standard Refrigerator	Per Building SqFt	New	0.04	13	$ 0.14	100%	-
Small Office	Refrigerator	Refrigerator - CEE Tier 2	CEE Tier 2 Refrigerator	Standard Refrigerator	Per Building SqFt	Existing	0.02	13	$ 0.06	100%	-
Small Office	Refrigerator	Refrigerator - CEE Tier 2	CEE Tier 2 Refrigerator	Standard Refrigerator	Per Building SqFt	New	0.02	13	$ 0.06	100%	-
Small Office	Refrigerator	Refrigerator - ENERGY STAR	ENERGY STAR Refrigerator	Standard Refrigerator	Per Building SqFt	Existing	0.01	13	$ 0.03	100%	-
Small Office	Refrigerator	Refrigerator - ENERGY STAR	ENERGY STAR Refrigerator	Standard Refrigerator	Per Building SqFt	New	0.01	13	$ 0.03	100%	-
Small Office	Refrigerator	Refrigerator - Federal Standard	Standard Refrigerator	Standard Refrigerator	Per Building SqFt	Existing	-	13	$ -	100%	-
Small Office	Refrigerator	Refrigerator - Federal Standard	Standard Refrigerator	Standard Refrigerator	Per Building SqFt	New	-	13	$ -	100%	-
Small Office	Servers	Server - ENERGY STAR	ENERGY STAR Server	Standard Server	Per Building SqFt	Existing	0.04	9	$ 0.01	100%	331
Small Office	Servers	Server - ENERGY STAR	ENERGY STAR Server	Standard Server	Per Building SqFt	New	0.04	9	$ 0.01	100%	28
Small Office	Servers	Server - Standard	Standard Server	Standard Server	Per Building SqFt	Existing	-	9	$ -	100%	-
Small Office	Servers	Server - Standard	Standard Server	Standard Server	Per Building SqFt	New	-	9	$ -	100%	-
Small Office	Space Heat	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	Existing	4,670.11	5	$ 4,375.00	9%	-
Small Office	Space Heat	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	New	7,220.80	5	$ 2,377.33	9%	-
Small Office	Space Heat	Direct Digital Control System-	DDC Retrofit - EMS Upgrade	Pneumatic	Per Building	Existing	7,005.16	5	$ 3,683.79	2%	-
Small Office	Space Heat	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	Existing	488.92	20	$ 477.04	76%	-
Small Office	Space Heat	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	New	488.92	20	$ 477.04	76%	-
Small Office	Space Heat	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	Existing	217.30	20	$ 60.58	62%	33
Small Office	Space Heat	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	New	217.30	20	$ 60.58	62%	2
Small Office	Space Heat	Duct Repair And Sealing	Reduction In Duct Losses to 5%	No Repair or Sealing, 15% duct losses	Per Building SqFt	Existing	0.25	18	$ 0.24	38%	-
Small Office	Space Heat	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	Existing	0.83	30	$ 10.13	75%	-
Small Office	Space Heat	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	New	1.28	30	$ 10.13	75%	-
Small Office	Space Heat	Infiltration Control	Weather-Stripping	Standard Practice	Per Window SqFt	Existing	6.05	13	$ 0.39	51%	292
Small Office	Space Heat	Insulation - Duct	New Duct Insulation (R-8) (Unconditioned	No Insulation	Per Surface Area of Duct	Existing	4.43	20	$ 2.61	15%	48
Small Office	Space Heat	Insulation - Floor	R-30	Average Existing Insulation (R-10)	Per Floor Area SqFt	Existing	0.48	25	$ 1.82	29%	-
Small Office	Space Heat	Insulation - Roof	R-20ci	Average Existing Insulation (R-10)	Per Roof Area SqFt	Existing	0.32	25	$ 1.77	13%	-
Small Office	Space Heat	Insulation - Wall	R-13+R-7.5ci	Average Existing Insulation (R-10)	Per Wall Area SqFt	Existing	0.97	25	$ 1.84	33%	-
Small Office	Space Heat	Space Heat - Standard	Standard Space Heat	Standard Space Heat	Per Building SqFt	Existing	-	20	$ -	100%	-
Small Office	Space Heat	Space Heat - Standard	Standard Space Heat	Standard Space Heat	Per Building SqFt	New	-	20	$ -	100%	-
Small Office	Space Heat	Thermostat Programmable	Setback Thermostat 5-1-1, 5-2 or 7-day	Manual Thermostat	Per Thermostat	Existing	1,401.03	15	$ 138.50	80%	191
Small Office	Space Heat	Variable Air-Volume Systems	Install Variable Air-Volume System	Constant Volume System	Per Building SqFt	Existing	1.08	15	$ 1.19	10%	-
Small Office	Space Heat	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	Existing	2.01	25	$ 3.67	9%	-
Small Office	Space Heat	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	New	2.01	25	$ 3.67	11%	-
Small Office	Space Heat	Window - Metal Framing	U-Value = 0.55 (Code Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	2.10	25	$ 27.83	2%	-
Small Office	Space Heat	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	Existing	1.29	25	$ 2.08	70%	-
Small Office	Space Heat	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	New	1.29	25	$ 2.08	78%	-
Small Office	Space Heat	Window - Non-Metal Framing	U-Value = 0.35 (Code Non-Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	6.43	25	$ 42.42	68%	-
Small Office	Vending	Vending Machine - Controller	Refrigerated Vending Machine Controller	No Controls	Per Vending Machine	Existing	1,394.81	3	$ 238.00	25%	95
Small Office	Vending	Vending Machine - Controller	Refrigerated Vending Machine Controller	No Controls	Per Vending Machine	New	1,394.81	3	$ 238.00	25%	5
Small Office	Vending	Vending Machine - ENERGY STAR	ENERGY STAR Vending Machine	Standard Vending Machine	Per Building SqFt	Existing	0.04	10	$ 0.00	100%	237

Small Office	Vending	Vending Machine - ENERGY STAR	ENERGY STAR Vending Machine	Standard Vending Machine	Per Building SqFt	New	0.04	10	$ 0.00	100%	21
Small Office	Vending	Vending Machine - Standard	Standard Vending Machine	Standard Vending Machine	Per Building SqFt	Existing	-	10	$ -	100%	-
Small Office	Vending	Vending Machine - Standard	Standard Vending Machine	Standard Vending Machine	Per Building SqFt	New	-	10	$ -	100%	-
Small Office	Water Heat	Desuperheaters - Air Conditioner	Add-on Desuperheaters to Air Conditioner	No Desuperheater	Per Desuperheater	Existing	49.15	10	$ 600.00	49%	-
Small Office	Water Heat	Desuperheaters - Air Source Heat	Add-on Desuperheaters to Air Source Heat	No Desuperheater	Per Desuperheater	Existing	307.29	10	$ 600.00	4%	-
Small Office	Water Heat	Desuperheaters - Ground Source Heat	Add-on Desuperheaters to Ground Source Heat	No Desuperheater	Per Desuperheater	Existing	307.29	10	$ 600.00	0%	-
Small Office	Water Heat	Dishwasher	Dishwasher Enhanced Efficiency (EF 1.00) 200	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	Existing	155.00	11	$ 1,067.33	29%	-
Small Office	Water Heat	Dishwasher	Dishwasher Enhanced Efficiency (EF 1.00) 200	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	New	155.00	11	$ 1,067.33	29%	-
Small Office	Water Heat	Dishwasher	ENERGY STAR 295 kWh/yr and 4.25	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	Existing	60.00	11	$ 272.18	24%	-
Small Office	Water Heat	Dishwasher	ENERGY STAR 295 kWh/yr and 4.25	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	New	60.00	11	$ 272.18	24%	-
Small Office	Water Heat	Drainwater Heat Recovery	Install Power-Pipe or GFX System	No GFX or Power-Pipe System	Per 40 Gal Water Heater	Existing	307.29	40	$ 833.35	60%	-
Small Office	Water Heat	Drainwater Heat Recovery	Install Power-Pipe or GFX System	No GFX or Power-Pipe System	Per 40 Gal Water Heater	New	307.29	40	$ 666.68	83%	9
Small Office	Water Heat	Faucet Aerator	0.5 GPM	Existing Aerator (3.0 GPM)	Per Aerator	Existing	48.01	10	$ 4.76	67%	49
Small Office	Water Heat	Ultrasonic Faucet Control	Install Ultrasonic Faucet Control	No Faucet Control	Per Faucet	Existing	19.21	10	$ 196.25	81%	-
Small Office	Water Heat	Ultrasonic Faucet Control	Install Ultrasonic Faucet Control	No Faucet Control	Per Faucet	New	19.21	10	$ 196.25	81%	-
Small Office	Water Heat	Water Heater - Pipe Insulation	Hot Water Pipe Insulation (R-4)	No Pipe Insulation	Per Linear Foot	Existing	1.92	13	$ 2.10	56%	6
Small Office	Water Heat	Water Heater - Tank Blanket/Insulation	Install Insulation (R-11)	No Tank Insulation	Per Water Heater	Existing	61.46	7	$ 62.60	5%	-
Small Office	Water Heat	Water Heater - Thermostat Setback	Install Programmable Thermostat (120 Degrees)	No Thermostat Setback (130 Degrees)	Per Water Heater	Existing	209.04	4	$ 102.34	35%	-
Small Office	Water Heat	Water Heating - ENERGY STAR	ENERGY STAR Heat Pump Water Heater EF =	Standard Water Heater EF = 0.92	Per Building SqFt	Existing	0.15	13	$ 0.16	75%	327
Small Office	Water Heat	Water Heating - ENERGY STAR	ENERGY STAR Heat Pump Water Heater EF =	Standard Water Heater EF = 0.92	Per Building SqFt	New	0.15	13	$ 0.16	75%	30
Small Office	Water Heat	Water Heating - Storage 2015 Standard	2015 Standard Water Heater EF = 0.95	Standard Water Heater EF = 0.92	Per Building SqFt	Existing	0.01	13	$ 0.01	100%	5
Small Office	Water Heat	Water Heating - Storage 2015 Standard	2015 Standard Water Heater EF = 0.95	Standard Water Heater EF = 0.92	Per Building SqFt	New	0.01	13	$ 0.01	100%	0
Small Office	Water Heat	Water Heating - Storage Below	Below Standard Water Heater EF = 0.86	Below Standard Water Heater EF = 0.86	Per Building SqFt	Existing	-	13	$ -	100%	-
Small Office	Water Heat	Water Heating - Storage Below	Below Standard Water Heater EF = 0.86	Below Standard Water Heater EF = 0.86	Per Building SqFt	New	-	13	$ -	100%	-
Small Office	Water Heat	Water Heating - Storage Standard	Standard Water Heater EF = 0.92	Standard Water Heater EF = 0.92	Per Building SqFt	Existing	-	13	$ -	100%	-
Small Office	Water Heat	Water Heating - Storage Standard	Standard Water Heater EF = 0.92	Standard Water Heater EF = 0.92	Per Building SqFt	New	-	13	$ -	100%	-
Small Office	Water Heat	Water Heating - Tankless	Tankless Water Heater EF = 0.95	Standard Water Heater EF = 0.92	Per Building SqFt	Existing	0.02	13	$ 0.03	0%	-
Small Office	Water Heat	Water Heating - Tankless	Tankless Water Heater EF = 0.95	Standard Water Heater EF = 0.92	Per Building SqFt	New	0.02	13	$ 0.03	0%	-
Small Retail	Computers	Computer - ENERGY STAR	ENERGY STAR Computer	Standard Computer	Per Building SqFt	Existing	0.06	4	$ 0.01	100%	274
Small Retail	Computers	Computer - ENERGY STAR	ENERGY STAR Computer	Standard Computer	Per Building SqFt	New	0.06	4	$ 0.01	100%	17
Small Retail	Computers	Computer - Standard	Standard Computer	Standard Computer	Per Building SqFt	Existing	-	4	$ -	100%	-
Small Retail	Computers	Computer - Standard	Standard Computer	Standard Computer	Per Building SqFt	New	-	4	$ -	100%	-
Small Retail	Cooling DX	Advanced Control Technology	Advanced Control Technologies for Packaged	Standard Controls	Per 5 Tons of Cooling	Existing	588.63	15	$ 4,920.00	15%	-
Small Retail	Cooling DX	Commissioning	Commissioning/QI - New Installation	No Commissioning	Per SqFt	New	0.21	7	$ 1.16	90%	-
Small Retail	Cooling DX	Cool Roofs	ENERGY STAR Cool Roof - Reflect Material	Standard Roof	Per Roof Area SqFt	Existing	0.26	15	$ 0.68	64%	-
Small Retail	Cooling DX	Cool Roofs	ENERGY STAR Cool Roof - Reflect Material	Standard Roof	Per Roof Area SqFt	New	0.16	15	$ 0.68	64%	-
Small Retail	Cooling DX	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	Existing	1,608.69	5	$ 2,629.68	9%	-
Small Retail	Cooling DX	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	New	1,013.84	5	$ 2,929.75	9%	-
Small Retail	Cooling DX	Direct Digital Control System-	DDC Retrofit - EMS Upgrade	Pneumatic	Per Building	Existing	2,413.04	5	$ 4,709.71	2%	-
Small Retail	Cooling DX	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	Existing	24.79	20	$ 477.04	76%	-
Small Retail	Cooling DX	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	New	24.79	20	$ 477.04	76%	-
Small Retail	Cooling DX	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	Existing	11.02	20	$ 60.58	62%	7
Small Retail	Cooling DX	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	New	11.02	20	$ 60.58	62%	0
Small Retail	Cooling DX	Duct Repair And Sealing	Reduction In Duct Losses to 5%	No Repair or Sealing, 15% duct losses	Per Building SqFt	Existing	0.08	18	$ 0.24	38%	105
Small Retail	Cooling DX	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	Existing	0.26	30	$ 10.13	75%	-
Small Retail	Cooling DX	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	New	0.16	30	$ 10.13	75%	-
Small Retail	Cooling DX	Infiltration Control	Weather-Stripping	Standard Practice	Per Window SqFt	Existing	1.01	13	$ 0.39	51%	178
Small Retail	Cooling DX	Insulation - Duct	New Duct Insulation (R-8) (Unconditioned	No Insulation	Per Surface Area of Duct	Existing	1.37	20	$ 2.61	15%	71
Small Retail	Cooling DX	Insulation - Floor	R-30	Average Existing Insulation (R-10)	Per Floor Area SqFt	Existing	0.02	25	$ 1.82	29%	-
Small Retail	Cooling DX	Insulation - Roof	R-20ci	Average Existing Insulation (R-10)	Per Roof Area SqFt	Existing	0.02	25	$ 1.77	13%	-
Small Retail	Cooling DX	Insulation - Wall	R-13+R-7.5ci	Average Existing Insulation (R-10)	Per Wall Area SqFt	Existing	0.05	25	$ 1.84	33%	-
Small Retail	Cooling DX	Package Terminal - Air Conditioner	High Efficiency Package Terminal Air	Federal Standard Equipment	Per Package Terminal AC	Existing	63.95	9	$ 88.00	7%	-
Small Retail	Cooling DX	Package Terminal - Air Conditioner	High Efficiency Package Terminal Air	Federal Standard Equipment	Per Package Terminal AC	New	63.95	9	$ 88.00	7%	-
Small Retail	Cooling DX	Retro-Commissioning	Retro-Commissioning	No Retro-Commissioning	Per SqFt	Existing	0.41	7	$ 0.30	90%	1,607
Small Retail	Cooling DX	Rooftop DX Unit - Below Standard	Below Standard 9.5 EER, Air-Cooled = 135 and	Below Standard 9.5 EER, Air-Cooled = 135 and	Per Building SqFt	Existing	-	15	$ -	100%	-
Small Retail	Cooling DX	Rooftop DX Unit - Below Standard	Below Standard 9.5 EER, Air-Cooled = 135 and	Below Standard 9.5 EER, Air-Cooled = 135 and	Per Building SqFt	New	-	15	$ -	100%	-
Small Retail	Cooling DX	Rooftop DX Unit - CEE Tier 1	CEE Tier 1 11.5 EER, Air-Cooled = 135 and <	Federal Standard 11.0 EER, Air-Cooled = 135	Per Building SqFt	Existing	0.11	15	$ 0.09	100%	-
Small Retail	Cooling DX	Rooftop DX Unit - CEE Tier 1	CEE Tier 1 11.5 EER, Air-Cooled = 135 and <	Federal Standard 11.0 EER, Air-Cooled = 135	Per Building SqFt	New	0.07	15	$ 0.09	100%	-
Small Retail	Cooling DX	Rooftop DX Unit - CEE Tier 2	CEE Tier 2 12.0 EER, Air-Cooled = 135 and <	Federal Standard 11.0 EER, Air-Cooled = 135	Per Building SqFt	Existing	0.22	15	$ 0.15	100%	401
Small Retail	Cooling DX	Rooftop DX Unit - CEE Tier 2	CEE Tier 2 12.0 EER, Air-Cooled = 135 and <	Federal Standard 11.0 EER, Air-Cooled = 135	Per Building SqFt	New	0.14	15	$ 0.15	100%	37
Small Retail	Cooling DX	Rooftop DX Unit - Standard	Federal Standard 11.0 EER, Air-Cooled = 135	Federal Standard 11.0 EER, Air-Cooled = 135	Per Building SqFt	Existing	-	15	$ -	100%	-
Small Retail	Cooling DX	Rooftop DX Unit - Standard	Federal Standard 11.0 EER, Air-Cooled = 135	Federal Standard 11.0 EER, Air-Cooled = 135	Per Building SqFt	New	-	15	$ -	100%	-
Small Retail	Cooling DX	Thermostat Programmable	Setback Thermostat 5-1-1, 5-2 or 7-day	Manual Thermostat	Per Thermostat	Existing	482.61	15	$ 138.50	89%	308

Small Retail	Cooling DX	Tune-up - Air Conditioner	Air Conditioner Maintenance (Tune-up)	Unmaintained Air Conditioner	Per Ton	Existing	69.25	3	$ 48.00	48%	-
Small Retail	Cooling DX	Variable Air-Volume Systems	Install Variable Air-Volume System	Constant Volume System	Per Building SqFt	Existing	0.77	15	$ 1.19	10%	342
Small Retail	Cooling DX	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	Existing	0.10	25	$ 3.67	9%	-
Small Retail	Cooling DX	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	New	0.10	25	$ 3.67	11%	-
Small Retail	Cooling DX	Window - Metal Framing	U-Value = 0.55 (Code Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	0.11	25	$ 27.83	2%	-
Small Retail	Cooling DX	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	Existing	0.07	25	$ 2.08	70%	-
Small Retail	Cooling DX	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	New	0.07	25	$ 2.08	78%	-
Small Retail	Cooling DX	Window - Non-Metal Framing	U-Value = 0.35 (Code Non-Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	0.33	25	$ 42.42	68%	-
Small Retail	Cooling DX	Window Air Conditioner	CEE TIER 1 = 11.3 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Window AC	Existing	101.59	9	$ 406.80	32%	-
Small Retail	Cooling DX	Window Air Conditioner	CEE TIER 1 = 11.3 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Window AC	New	101.59	9	$ 406.80	32%	-
Small Retail	Cooling DX	Window Air Conditioner	CEE TIER 2 = 11.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Window AC	Existing	129.71	9	$ 771.98	33%	-
Small Retail	Cooling DX	Window Air Conditioner	CEE TIER 2 = 11.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Window AC	New	129.71	9	$ 771.98	33%	-
Small Retail	Cooling DX	Window Air Conditioner	ENERGY STAR = 10.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Window AC	Existing	70.86	9	$ 41.62	26%	14
Small Retail	Cooling DX	Window Air Conditioner	ENERGY STAR = 10.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Window AC	New	70.86	9	$ 41.62	26%	1
Small Retail	Ext Lighting	Exterior Lighting - Standard	Standard Exterior Lighting	Standard Exterior Lighting	Per Building SqFt	Existing	-	14	$ -	100%	-
Small Retail	Ext Lighting	Exterior Lighting - Standard	Standard Exterior Lighting	Standard Exterior Lighting	Per Building SqFt	New	-	14	$ -	100%	-
Small Retail	Ext Lighting	Lighting - LED Lighting Package	Exterior LED Lighting Package	Standard Lighting	Per Lighting Package	Existing	50.26	13	$ 141.10	66%	-
Small Retail	Ext Lighting	Lighting - High Intensity Discharge	High Efficiency Metal Halide Lighting Packages	Standard HID Lighting	Per Lighting Package	Existing	21.65	5	$ 5.20	62%	5
Small Retail	Ext Lighting	Lighting - Induction Lighting Package	Induction Lighting Package	Standard HID Lighting	Per Lighting Package	Existing	61.56	13	$ 33.70	67%	34
Small Retail	Fax	Fax - ENERGY STAR	ENERGY STAR Fax	Standard Fax	Per Building SqFt	Existing	0.01	6	$ 0.00	100%	33
Small Retail	Fax	Fax - ENERGY STAR	ENERGY STAR Fax	Standard Fax	Per Building SqFt	New	0.01	6	$ 0.00	100%	2
Small Retail	Fax	Fax - Standard	Standard Fax	Standard Fax	Per Building SqFt	Existing	-	6	$ -	100%	-
Small Retail	Fax	Fax - Standard	Standard Fax	Standard Fax	Per Building SqFt	New	-	6	$ -	100%	-
Small Retail	Flat Screen	Monitor - ENERGY STAR Flat Screen	ENERGY STAR Flat Screen Monitor	Standard Flat Screen Monitor	Per Building SqFt	Existing	0.00	4	$ 0.00	100%	-
Small Retail	Flat Screen	Monitor - ENERGY STAR Flat Screen	ENERGY STAR Flat Screen Monitor	Standard Flat Screen Monitor	Per Building SqFt	New	0.00	4	$ 0.00	100%	-
Small Retail	Flat Screen	Monitor - Standard Flat Screen	Standard Flat Screen Monitor	Standard Flat Screen Monitor	Per Building SqFt	Existing	-	4	$ -	100%	-
Small Retail	Flat Screen	Monitor - Standard Flat Screen	Standard Flat Screen Monitor	Standard Flat Screen Monitor	Per Building SqFt	New	-	4	$ -	100%	-
Small Retail	Freezers	Freezer - 2014 Federal Standard	2014 Standard Freezer	Standard Freezer	Per Building SqFt	Existing	0.00	12	$ 0.00	100%	-
Small Retail	Freezers	Freezer - 2014 Federal Standard	2014 Standard Freezer	Standard Freezer	Per Building SqFt	New	0.00	12	$ 0.00	100%	-
Small Retail	Freezers	Freezer - Below Standard	Below Standard Freezer	Below Standard Freezer	Per Building SqFt	Existing	-	12	$ -	100%	-
Small Retail	Freezers	Freezer - Below Standard	Below Standard Freezer	Below Standard Freezer	Per Building SqFt	New	-	12	$ -	100%	-
Small Retail	Freezers	Freezer - ENERGY STAR	ENERGY STAR Freezer	Standard Freezer	Per Building SqFt	Existing	0.00	12	$ 0.00	100%	-
Small Retail	Freezers	Freezer - ENERGY STAR	ENERGY STAR Freezer	Standard Freezer	Per Building SqFt	New	0.00	12	$ 0.00	100%	-
Small Retail	Freezers	Freezer - Standard	Standard Freezer	Standard Freezer	Per Building SqFt	Existing	-	12	$ -	100%	-
Small Retail	Freezers	Freezer - Standard	Standard Freezer	Standard Freezer	Per Building SqFt	New	-	12	$ -	100%	-
Small Retail	HVAC Aux	ECM Motor	Central Air Conditioner ECM Fan	Standard Motor	Per ECM	Existing	542.89	15	$ 200.00	53%	239
Small Retail	HVAC Aux	ECM Motor	Central Air Conditioner ECM Fan	Standard Motor	Per ECM	New	324.13	15	$ 200.00	77%	12
Small Retail	HVAC Aux	ECM Motor	Electric Furnace ECM Fan	Standard Motor	Per ECM	Existing	542.89	15	$ 200.00	4%	19
Small Retail	HVAC Aux	ECM Motor	Electric Furnace ECM Fan	Standard Motor	Per ECM	New	324.13	15	$ 200.00	6%	1
Small Retail	HVAC Aux	ECM Motor	Gas Furnace ECM Fan (CEE Air Handling Ratio	Standard Motor	Per ECM	Existing	542.89	15	$ 200.00	47%	213
Small Retail	HVAC Aux	ECM Motor	Gas Furnace ECM Fan (CEE Air Handling Ratio	Standard Motor	Per ECM	New	324.13	15	$ 200.00	69%	11
Small Retail	HVAC Aux	HVAC Auxillary - Standard Equipment	Standard HVAC Auxillary	Standard HVAC Auxillary	Per Building SqFt	Existing	-	15	$ -	100%	-
Small Retail	HVAC Aux	HVAC Auxillary - Standard Equipment	Standard HVAC Auxillary	Standard HVAC Auxillary	Per Building SqFt	New	-	15	$ -	100%	-
Small Retail	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 1-15 HP, 1200-3600	NEMA Qualifying Standard Motor	Per Motor	Existing	75.68	15	$ 274.24	67%	-
Small Retail	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 1-15 HP, 1200-3600	NEMA Qualifying Standard Motor	Per Motor	New	75.68	15	$ 274.24	67%	-
Small Retail	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 125-200 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	Existing	2,066.69	15	$ 2,036.86	0%	0
Small Retail	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 125-200 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	New	518.91	15	$ 2,036.86	9%	-
Small Retail	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 20-40 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	Existing	518.91	15	$ 678.39	9%	-
Small Retail	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 20-40 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	New	1,143.16	15	$ 678.39	1%	0
Small Retail	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 250-500 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	Existing	5,959.61	15	$ 4,197.32	0%	0
Small Retail	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 250-500 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	New	2,066.69	15	$ 4,197.32	0%	-
Small Retail	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 50-100 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	Existing	1,143.16	15	$ 1,375.63	1%	-
Small Retail	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 50-100 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	New	5,959.61	15	$ 1,375.63	0%	0
Small Retail	HVAC Aux	Variable Air-Volume Systems	Install Variable Air-Volume System	Constant Volume System	Per Building SqFt	Existing	0.13	15	$ 1.19	10%	-
Small Retail	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 1-15 HP	Constant Speed Motor	Per Building	Existing	1,414.05	15	$ 312.99	67%	787
Small Retail	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 1-15 HP	Constant Speed Motor	Per Building	New	844.25	15	$ 312.99	67%	27
Small Retail	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 125-200 HP	Constant Speed Motor	Per Building	Existing	1,414.05	15	$ 147.01	1%	7
Small Retail	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 125-200 HP	Constant Speed Motor	Per Building	New	844.25	15	$ 147.01	1%	0
Small Retail	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 20-40 HP	Constant Speed Motor	Per Building	Existing	1,414.05	15	$ 181.40	4%	51
Small Retail	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 20-40 HP	Constant Speed Motor	Per Building	New	844.25	15	$ 181.40	4%	2
Small Retail	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 250-500 HP	Constant Speed Motor	Per Building	Existing	1,414.05	15	$ 111.57	0%	3
Small Retail	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 250-500 HP	Constant Speed Motor	Per Building	New	844.25	15	$ 111.57	0%	0
Small Retail	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 50-100 HP	Constant Speed Motor	Per Building	Existing	1,414.05	15	$ 223.48	1%	16

Small Retail	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 50-100 HP	Constant Speed Motor	Per Building	New	844.25	15	$ 223.48	1%	1
Small Retail	Heat Pump	Commissioning	Commissioning/QI - New Installation	No Commissioning	Per SqFt	New	0.92	7	$ 1.16	90%	-
Small Retail	Heat Pump	Cool Roofs	ENERGY STAR Cool Roof - Reflect Material	Standard Roof	Per Roof Area SqFt	Existing	0.15	15	$ 0.68	64%	-
Small Retail	Heat Pump	Cool Roofs	ENERGY STAR Cool Roof - Reflect Material	Standard Roof	Per Roof Area SqFt	New	0.10	15	$ 0.68	64%	-
Small Retail	Heat Pump	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	Existing	5,142.96	5	$ 5,259.36	9%	-
Small Retail	Heat Pump	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	New	4,433.25	5	$ 5,259.36	9%	-
Small Retail	Heat Pump	Direct Digital Control System-	DDC Retrofit - EMS Upgrade	Pneumatic	Per Building	Existing	7,714.44	5	$ 9,419.41	2%	-
Small Retail	Heat Pump	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	Existing	296.41	20	$ 477.04	76%	-
Small Retail	Heat Pump	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	New	296.41	20	$ 477.04	76%	-
Small Retail	Heat Pump	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	Existing	131.74	20	$ 60.58	62%	9
Small Retail	Heat Pump	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	New	131.74	20	$ 60.58	62%	1
Small Retail	Heat Pump	Duct Repair And Sealing	Reduction In Duct Losses to 5%	No Repair or Sealing, 15% duct losses	Per Building SqFt	Existing	0.25	18	$ 0.24	38%	32
Small Retail	Heat Pump	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	Existing	0.15	30	$ 10.13	75%	-
Small Retail	Heat Pump	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	New	0.10	30	$ 10.13	75%	-
Small Retail	Heat Pump	Heat Pump - Below Standard	Below Standard Air Source Heat Pump 9.0 EER	Below Standard Air Source Heat Pump 9.0 EER	Per Building SqFt	Existing	-	15	$ -	100%	-
Small Retail	Heat Pump	Heat Pump - Below Standard	Below Standard Air Source Heat Pump 9.0 EER	Below Standard Air Source Heat Pump 9.0 EER	Per Building SqFt	New	-	15	$ -	100%	-
Small Retail	Heat Pump	Heat Pump - ENERGY STAR	ENERGY STAR Ground Source Heat Pump	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	Existing	1.51	15	$ 22.33	5%	-
Small Retail	Heat Pump	Heat Pump - ENERGY STAR	ENERGY STAR Ground Source Heat Pump	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	New	1.17	15	$ 14.36	5%	-
Small Retail	Heat Pump	Heat Pump - High Efficiency	High Efficiency Air Source Heat Pump 11.1 EER	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	Existing	0.29	15	$ 0.20	100%	48
Small Retail	Heat Pump	Heat Pump - High Efficiency	High Efficiency Air Source Heat Pump 11.1 EER	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	New	0.24	15	$ 0.20	100%	5
Small Retail	Heat Pump	Heat Pump - Premium Efficiency	Premium Efficiency Water Source Heat Pump	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	Existing	1.63	15	$ 1.05	5%	14
Small Retail	Heat Pump	Heat Pump - Premium Efficiency	Premium Efficiency Water Source Heat Pump	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	New	1.48	15	$ 1.21	5%	1
Small Retail	Heat Pump	Heat Pump - Standard	Federal Standard Air Source Heat Pump 10.6	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	Existing	-	15	$ -	100%	-
Small Retail	Heat Pump	Heat Pump - Standard	Federal Standard Air Source Heat Pump 10.6	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	New	-	15	$ -	100%	-
Small Retail	Heat Pump	Heat Pump - Variable Refrigerant Flow	Variable Refrigerant Flow System (VRF) - Heat	Packaged VAV With Electric Reheat	Per Ton	Existing	841.29	15	$ 540.00	33%	405
Small Retail	Heat Pump	Heat Pump - Variable Refrigerant Flow	Variable Refrigerant Flow System (VRF) - Heat	Packaged VAV With Electric Reheat	Per Ton	New	725.20	15	$ 540.00	81%	60
Small Retail	Heat Pump	Infiltration Control	Weather-Stripping	Standard Practice	Per Window SqFt	Existing	6.75	13	$ 0.39	51%	127
Small Retail	Heat Pump	Insulation - Duct	New Duct Insulation (R-8) (Unconditioned	No Insulation	Per Surface Area of Duct	Existing	4.38	20	$ 2.61	15%	24
Small Retail	Heat Pump	Insulation - Floor	R-30	Average Existing Insulation (R-10)	Per Floor Area SqFt	Existing	0.29	25	$ 1.82	29%	-
Small Retail	Heat Pump	Insulation - Roof	R-20ci	Average Existing Insulation (R-10)	Per Roof Area SqFt	Existing	0.19	25	$ 1.77	13%	-
Small Retail	Heat Pump	Insulation - Wall	R-13+R-7.5ci	Average Existing Insulation (R-10)	Per Wall Area SqFt	Existing	0.59	25	$ 1.84	33%	-
Small Retail	Heat Pump	Package Terminal - Heat Pump	High Efficiency Package Terminal Air	Federal Standard Equipment	Per Ton	Existing	63.95	15	$ 150.01	10%	-
Small Retail	Heat Pump	Package Terminal - Heat Pump	High Efficiency Package Terminal Air	Federal Standard Equipment	Per Ton	New	63.95	15	$ 150.01	10%	-
Small Retail	Heat Pump	Retro-Commissioning	Retro-Commissioning	No Retro-Commissioning	Per SqFt	Existing	1.31	7	$ 0.30	90%	541
Small Retail	Heat Pump	Thermostat Programmable	Setback Thermostat 5-1-1, 5-2 or 7-day	Manual Thermostat	Per Thermostat	Existing	1,542.89	15	$ 138.50	89%	104
Small Retail	Heat Pump	Tune-up - Air Source Heat Pump	Air Source Heat Pump Maintenance (Tune-up)	Unmaintained Air Source Heat Pump	Per Ton	Existing	221.39	3	$ 48.00	48%	-
Small Retail	Heat Pump	Tune-up - Ground Source Heat Pump	Ground Source Heat Pump Maintenance (Tune-	Unmaintained Ground Source Heat Pump	Per Ton	Existing	221.39	3	$ 48.00	48%	-
Small Retail	Heat Pump	Variable Air-Volume Systems	Install Variable Air-Volume System	Constant Volume System	Per Building SqFt	Existing	1.33	15	$ 1.19	10%	63
Small Retail	Heat Pump	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	Existing	1.22	25	$ 3.67	9%	-
Small Retail	Heat Pump	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	New	1.22	25	$ 3.67	11%	-
Small Retail	Heat Pump	Window - Metal Framing	U-Value = 0.55 (Code Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	1.27	25	$ 27.83	2%	-
Small Retail	Heat Pump	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	Existing	0.78	25	$ 2.08	70%	-
Small Retail	Heat Pump	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	New	0.78	25	$ 2.08	78%	-
Small Retail	Heat Pump	Window - Non-Metal Framing	U-Value = 0.35 (Code Non-Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	3.90	25	$ 42.42	68%	-
Small Retail	Lighting	Ceiling Fans	ENERGY STAR Ceiling Fans with Light Kit	Standard Ceiling Fan	Per Ceiling Fan	Existing	98.55	10	$ 119.55	85%	-
Small Retail	Lighting	Ceiling Fans	ENERGY STAR Ceiling Fans with Light Kit	Standard Ceiling Fan	Per Ceiling Fan	New	98.55	10	$ 119.55	85%	-
Small Retail	Lighting	Daylighting Controls	Continuous Dimming, Fluorescent Fixtures (Day-	No Dimming Controls	Per Applicable SQFT of Dimmable Perimeter	Existing	4.76	9	$ 1.67	52%	2,456
Small Retail	Lighting	Daylighting Controls	Continuous Dimming, Fluorescent Fixtures (Day-	No Dimming Controls	Per Applicable SQFT of Dimmable Perimeter	New	3.08	13	$ 1.67	0%	-
Small Retail	Lighting	Daylighting Controls	Dual Level Switches, Fluorescent Fixtures	No Dimming Controls	Per Applicable SQFT of Dimmable Perimeter	Existing	1.96	9	$ 0.83	52%	924
Small Retail	Lighting	Daylighting Controls	Dual Level Switches, Fluorescent Fixtures	No Dimming Controls	Per Applicable SQFT of Dimmable Perimeter	New	1.26	13	$ 0.83	0%	-
Small Retail	Lighting	Exit Sign - LED	LED Exit Signs	CFL Exit Sign	Per Exit Sign	Existing	175.20	11	$ 68.22	56%	295
Small Retail	Lighting	Exit Sign - Photoluminescent	Photoluminescent Exit Sign	LED Exit Sign	Per Exit Sign	Existing	35.04	13	$ 30.00	93%	98
Small Retail	Lighting	Exit Sign - Photoluminescent	Photoluminescent Exit Sign	LED Exit Sign	Per Exit Sign	New	35.04	13	$ 30.00	93%	6
Small Retail	Lighting	LED Strip Lighting	LED Strip Lighting (Non-Refrigerated)	Fluorescent	Per Linear Foot of Lighting	Existing	0.51	11	$ 2.99	78%	-
Small Retail	Lighting	LED Strip Lighting	LED Strip Lighting (Non-Refrigerated)	Fluorescent	Per Linear Foot of Lighting	New	0.51	11	$ 2.99	78%	-
Small Retail	Lighting	LightLouver Daylighting System	LightLouver Daylighting System	No Daylight System	Per Linear Feet of Window	Existing	49.82	9	$ 65.00	40%	-
Small Retail	Lighting	Lighting - CFL Lamp Package	ENERGY STAR CFL	EISA Incandescent	Per Building	Existing	4,827.78	2	$ 32.50	68%	716
Small Retail	Lighting	Lighting - Clock/Timer	Lighting Clock/Timer Commercial grade	No Time Clock	Per Lighting Control	Existing	1,303.40	9	$ 205.43	30%	643
Small Retail	Lighting	Lighting - Fluorescent High	Fluorescent HP Lamps and Ballasts Packages	Standard Lighting	Per Lighting Package	Existing	3,601.67	13	$ 7,356.23	90%	-
Small Retail	Lighting	Lighting - Fluorescent Reduced	Fluorescent RW Lamps and Ballasts Packages	Standard Lighting	Per Lighting Package	Existing	7,203.33	13	$ 6,103.01	76%	4,548
Small Retail	Lighting	Lighting - Induction Lighting Package	Induction Lighting Package	Standard HID Lighting	Per Lighting Package	Existing	3,609.43	20	$ 2,646.09	38%	1,139
Small Retail	Lighting	Lighting - LED Lamp Package	ENERGY STAR LED	EISA Incandescent	Per Lighting Package	Existing	5,815.88	12	$ 1,514.94	73%	3,550
Small Retail	Lighting	Lighting - LPD Package	LPD Reduction Package 15%	LPD Code	Per Lighting Package	New	5,185.95	15	$ 213.79	68%	47

Small Retail	Lighting	Lighting - LPD Package	LPD Reduction Package 25%	LPD Code	Per Lighting Package	New	8,643.25	15	$ 1,372.46	71%	298
Small Retail	Lighting	Lighting - Specialty Lamp Package	CFL and LED Specialty Lamp Package	Standard Incandescent	Per Lighting Package	Existing	1,234.96	3	$ 91.01	81%	828
Small Retail	Lighting	Lighting - Standard	Standard Lighting	Standard Lighting	Per Building SqFt	Existing	-	14	$ -	100%	-
Small Retail	Lighting	Lighting - Standard	Standard Lighting	Standard Lighting	Per Building SqFt	New	-	14	$ -	100%	-
Small Retail	Lighting	Occupancy Sensor - High-Bay	Fixture-Mounted (Control > 150 Watts)	No Sensor	Per Lighting Control	Existing	1,339.59	14	$ 225.00	12%	37
Small Retail	Lighting	Occupancy Sensor - High-Bay	Fixture-Mounted (Control > 150 Watts)	No Sensor	Per Lighting Control	New	866.11	14	$ 225.00	12%	1
Small Retail	Lighting	Occupancy Sensor - Wall or Ceiling	Wall or Ceiling-Mounted (Control > 400 Watts)	No Sensor	Per Lighting Control	Existing	93.24	14	$ 225.00	53%	-
Small Retail	Lighting	Occupancy Sensor - Wall or Ceiling	Wall or Ceiling-Mounted (Control > 400 Watts)	No Sensor	Per Lighting Control	New	60.28	14	$ 225.00	53%	-
Small Retail	Other	Compressed Air Optimization	Compressed Air - Leak Audit, New	No Leak Audit And No New Compressor And	Per Compressor HP	Existing	281.82	10	$ 50.00	2%	-
Small Retail	Other	Other - Standard	Standard Other Equipment	Standard Other Equipment	Per Building SqFt	Existing	-	10	$ -	100%	-
Small Retail	Other	Other - Standard	Standard Other Equipment	Standard Other Equipment	Per Building SqFt	New	-	10	$ -	100%	-
Small Retail	Other	Transformers	Transformers, Three-Phase Low-Voltage Dry-	Standard Efficiency Transformer NEMA TP-1-	Per Transformer	Existing	174.78	30	$ 448.00	50%	-
Small Retail	Other	Transformers	Transformers, Three-Phase Low-Voltage Dry-	Standard Efficiency Transformer NEMA TP-1-	Per Transformer	New	174.78	30	$ 448.00	50%	-
Small Retail	Other Plug	All-In-One Office Equipment	All-In-One ENERGY STAR Office Equipment	Non-ENERGY STAR Features	Per All-in-One Device	Existing	200.08	6	$ 218.33	68%	-
Small Retail	Other Plug	All-In-One Office Equipment	All-In-One ENERGY STAR Office Equipment	Non-ENERGY STAR Features	Per All-in-One Device	New	200.08	6	$ 218.33	68%	-
Small Retail	Other Plug	Ceiling Fans	ENERGY STAR Ceiling Fans with Light Kit	Standard Ceiling Fan	Per Ceiling Fan	Existing	4.33	10	$ 119.55	85%	-
Small Retail	Other Plug	Ceiling Fans	ENERGY STAR Ceiling Fans with Light Kit	Standard Ceiling Fan	Per Ceiling Fan	New	4.33	10	$ 119.55	85%	-
Small Retail	Other Plug	Ceiling Fans	ENERGY STAR Ceiling Fans without Light Kit	Standard Ceiling Fan	Per Ceiling Fan	Existing	4.33	10	$ 1.46	85%	6
Small Retail	Other Plug	Ceiling Fans	ENERGY STAR Ceiling Fans without Light Kit	Standard Ceiling Fan	Per Ceiling Fan	New	4.33	10	$ 1.46	85%	0
Small Retail	Other Plug	Plug Load - Standard Equipment	Standard Plug Load	Standard Plug Load	Per Building SqFt	Existing	-	10	$ -	100%	-
Small Retail	Other Plug	Plug Load - Standard Equipment	Standard Plug Load	Standard Plug Load	Per Building SqFt	New	-	10	$ -	100%	-
Small Retail	Other Plug	Snow Melt System Control	Snow Melt System Control	Manual Control	Per Snow Melt Control	Existing	244.09	25	$ 2,782.00	5%	-
Small Retail	Other Plug	Snow Melt System Control	Snow Melt System Control	Manual Control	Per Snow Melt Control	New	253.78	25	$ 2,782.00	0%	-
Small Retail	Other Plug	Water Coolers	ENERGY STAR Water Cooler	Non-ENERGY STAR Water Cooler	Per Water Cooler	Existing	55.82	10	$ 5.00	34%	16
Small Retail	Other Plug	Water Coolers	ENERGY STAR Water Cooler	Non-ENERGY STAR Water Cooler	Per Water Cooler	New	58.04	10	$ 5.00	34%	1
Small Retail	Photo	Photo Copier - ENERGY STAR	ENERGY STAR Photo Copier	Standard Photo Copier	Per Building SqFt	Existing	0.01	6	$ 0.03	100%	-
Small Retail	Photo	Photo Copier - ENERGY STAR	ENERGY STAR Photo Copier	Standard Photo Copier	Per Building SqFt	New	0.01	6	$ 0.03	100%	-
Small Retail	Photo	Photo Copiers - Standard	Standard Photo Copier	Standard Photo Copier	Per Building SqFt	Existing	-	6	$ -	100%	-
Small Retail	Photo	Photo Copiers - Standard	Standard Photo Copier	Standard Photo Copier	Per Building SqFt	New	-	6	$ -	100%	-
Small Retail	Printers	Printers - ENERGY STAR	ENERGY STAR Printers	Standard Printers	Per Building SqFt	Existing	0.02	6	$ 0.00	100%	72
Small Retail	Printers	Printers - ENERGY STAR	ENERGY STAR Printers	Standard Printers	Per Building SqFt	New	0.02	6	$ 0.00	100%	5
Small Retail	Printers	Printers - Standard	Standard Printers	Standard Printers	Per Building SqFt	Existing	-	6	$ 0.00	100%	-
Small Retail	Printers	Printers - Standard	Standard Printers	Standard Printers	Per Building SqFt	New	-	6	$ 0.00	100%	-
Small Retail	Refrigerator	Refrigerator - 2014 Federal Standard	2014 Standard Refrigerator	Standard Refrigerator	Per Building SqFt	Existing	0.03	13	$ 0.09	100%	-
Small Retail	Refrigerator	Refrigerator - 2014 Federal Standard	2014 Standard Refrigerator	Standard Refrigerator	Per Building SqFt	New	0.03	13	$ 0.09	100%	-
Small Retail	Refrigerator	Refrigerator - Below Standard	Below Standard Refrigerator	Below Standard Refrigerator	Per Building SqFt	Existing	-	13	$ -	100%	-
Small Retail	Refrigerator	Refrigerator - Below Standard	Below Standard Refrigerator	Below Standard Refrigerator	Per Building SqFt	New	-	13	$ -	100%	-
Small Retail	Refrigerator	Refrigerator - CEE Tier 1	CEE Tier 1 Refrigerator	Standard Refrigerator	Per Building SqFt	Existing	0.04	13	$ 0.12	100%	-
Small Retail	Refrigerator	Refrigerator - CEE Tier 1	CEE Tier 1 Refrigerator	Standard Refrigerator	Per Building SqFt	New	0.04	13	$ 0.12	100%	-
Small Retail	Refrigerator	Refrigerator - CEE Tier 2	CEE Tier 2 Refrigerator	Standard Refrigerator	Per Building SqFt	Existing	0.02	13	$ 0.06	100%	-
Small Retail	Refrigerator	Refrigerator - CEE Tier 2	CEE Tier 2 Refrigerator	Standard Refrigerator	Per Building SqFt	New	0.02	13	$ 0.06	100%	-
Small Retail	Refrigerator	Refrigerator - ENERGY STAR	ENERGY STAR Refrigerator	Standard Refrigerator	Per Building SqFt	Existing	0.01	13	$ 0.02	100%	-
Small Retail	Refrigerator	Refrigerator - ENERGY STAR	ENERGY STAR Refrigerator	Standard Refrigerator	Per Building SqFt	New	0.01	13	$ 0.02	100%	-
Small Retail	Refrigerator	Refrigerator - Federal Standard	Standard Refrigerator	Standard Refrigerator	Per Building SqFt	Existing	-	13	$ -	100%	-
Small Retail	Refrigerator	Refrigerator - Federal Standard	Standard Refrigerator	Standard Refrigerator	Per Building SqFt	New	-	13	$ -	100%	-
Small Retail	Servers	Server - ENERGY STAR	ENERGY STAR Server	Standard Server	Per Building SqFt	Existing	0.01	9	$ 0.00	100%	26
Small Retail	Servers	Server - ENERGY STAR	ENERGY STAR Server	Standard Server	Per Building SqFt	New	0.01	9	$ 0.00	100%	2
Small Retail	Servers	Server - Standard	Standard Server	Standard Server	Per Building SqFt	Existing	-	9	$ -	100%	-
Small Retail	Servers	Server - Standard	Standard Server	Standard Server	Per Building SqFt	New	-	9	$ -	100%	-
Small Retail	Space Heat	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	Existing	12,879.74	5	$ 2,377.33	9%	38
Small Retail	Space Heat	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	New	12,000.81	5	$ 2,629.68	9%	-
Small Retail	Space Heat	Direct Digital Control System-	DDC Retrofit - EMS Upgrade	Pneumatic	Per Building	Existing	19,319.61	5	$ 4,152.44	2%	-
Small Retail	Space Heat	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	Existing	488.92	20	$ 477.04	76%	-
Small Retail	Space Heat	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	New	488.92	20	$ 477.04	76%	-
Small Retail	Space Heat	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	Existing	217.30	20	$ 60.58	62%	7
Small Retail	Space Heat	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	New	217.30	20	$ 60.58	62%	0
Small Retail	Space Heat	Duct Repair And Sealing	Reduction In Duct Losses to 5%	No Repair or Sealing, 15% duct losses	Per Building SqFt	Existing	0.61	18	$ 0.24	38%	52
Small Retail	Space Heat	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	Existing	2.05	30	$ 10.13	75%	-
Small Retail	Space Heat	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	New	1.91	30	$ 10.13	75%	-
Small Retail	Space Heat	Infiltration Control	Weather-Stripping	Standard Practice	Per Window SqFt	Existing	18.95	13	$ 0.39	51%	172
Small Retail	Space Heat	Insulation - Duct	New Duct Insulation (R-8) (Unconditioned	No Insulation	Per Surface Area of Duct	Existing	10.96	20	$ 2.61	15%	29
Small Retail	Space Heat	Insulation - Floor	R-30	Average Existing Insulation (R-10)	Per Floor Area SqFt	Existing	0.48	25	$ 1.82	29%	-
Small Retail	Space Heat	Insulation - Roof	R-20ci	Average Existing Insulation (R-10)	Per Roof Area SqFt	Existing	0.32	25	$ 1.77	13%	-

Small Retail	Space Heat	Insulation - Wall	R-13+R-7.5ci	Average Existing Insulation (R-10)	Per Wall Area SqFt	Existing	0.97	25	$ 1.84	33%	-
Small Retail	Space Heat	Space Heat - Standard	Standard Space Heat	Standard Space Heat	Per Building SqFt	Existing	-	20	$ -	100%	-
Small Retail	Space Heat	Space Heat - Standard	Standard Space Heat	Standard Space Heat	Per Building SqFt	New	-	20	$ -	100%	-
Small Retail	Space Heat	Thermostat Programmable	Setback Thermostat 5-1-1, 5-2 or 7-day	Manual Thermostat	Per Thermostat	Existing	3,863.92	15	$ 138.50	89%	125
Small Retail	Space Heat	Variable Air-Volume Systems	Install Variable Air-Volume System	Constant Volume System	Per Building SqFt	Existing	2.66	15	$ 1.19	10%	61
Small Retail	Space Heat	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	Existing	2.01	25	$ 3.67	9%	-
Small Retail	Space Heat	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	New	2.01	25	$ 3.67	11%	-
Small Retail	Space Heat	Window - Metal Framing	U-Value = 0.55 (Code Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	2.10	25	$ 27.83	2%	-
Small Retail	Space Heat	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	Existing	1.29	25	$ 2.08	70%	-
Small Retail	Space Heat	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	New	1.29	25	$ 2.08	78%	-
Small Retail	Space Heat	Window - Non-Metal Framing	U-Value = 0.35 (Code Non-Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	6.43	25	$ 42.42	68%	-
Small Retail	Vending	Vending Machine - Controller	Refrigerated Vending Machine Controller	No Controls	Per Vending Machine	Existing	1,394.81	3	$ 238.00	25%	62
Small Retail	Vending	Vending Machine - Controller	Refrigerated Vending Machine Controller	No Controls	Per Vending Machine	New	1,394.81	3	$ 238.00	25%	3
Small Retail	Vending	Vending Machine - ENERGY STAR	ENERGY STAR Vending Machine	Standard Vending Machine	Per Building SqFt	Existing	0.05	10	$ 0.01	100%	153
Small Retail	Vending	Vending Machine - ENERGY STAR	ENERGY STAR Vending Machine	Standard Vending Machine	Per Building SqFt	New	0.05	10	$ 0.01	100%	13
Small Retail	Vending	Vending Machine - Standard	Standard Vending Machine	Standard Vending Machine	Per Building SqFt	Existing	-	10	$ -	100%	-
Small Retail	Vending	Vending Machine - Standard	Standard Vending Machine	Standard Vending Machine	Per Building SqFt	New	-	10	$ -	100%	-
Small Retail	Water Heat	Clothes Washer	Residential Grade, Clothes Washer Enhanced	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	2,371.84	11	$ 789.72	5%	3
Small Retail	Water Heat	Clothes Washer	Residential Grade, Clothes Washer Enhanced	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	2,371.84	11	$ 789.72	5%	0
Small Retail	Water Heat	Clothes Washer	Residential Grade, Clothes Washer CEE Tier 2	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	1,707.40	11	$ 391.57	4%	2
Small Retail	Water Heat	Clothes Washer	Residential Grade, Clothes Washer CEE Tier 2	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	1,707.40	11	$ 391.57	4%	0
Small Retail	Water Heat	Clothes Washer	Residential Grade, Clothes Washer CEE Tier 3	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	1,898.12	11	$ 565.12	4%	2
Small Retail	Water Heat	Clothes Washer	Residential Grade, Clothes Washer CEE Tier 3	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	1,898.12	11	$ 565.12	4%	0
Small Retail	Water Heat	Clothes Washer	Residential Grade, Clothes Washer ENERGY	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	1,478.53	11	$ 134.79	4%	2
Small Retail	Water Heat	Clothes Washer	Residential Grade, Clothes Washer ENERGY	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	1,478.53	11	$ 134.79	4%	0
Small Retail	Water Heat	Desuperheaters - Air Conditioner	Add-on Desuperheaters to Air Conditioner	No Desuperheater	Per Desuperheater	Existing	58.50	10	$ 600.00	62%	-
Small Retail	Water Heat	Desuperheaters - Air Source Heat	Add-on Desuperheaters to Air Source Heat	No Desuperheater	Per Desuperheater	Existing	365.75	10	$ 600.00	2%	-
Small Retail	Water Heat	Desuperheaters - Ground Source Heat	Add-on Desuperheaters to Ground Source Heat	No Desuperheater	Per Desuperheater	Existing	365.75	10	$ 600.00	0%	-
Small Retail	Water Heat	Dishwasher	Dishwasher Enhanced Efficiency (EF 1.00) 200	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	Existing	155.00	11	$ 1,067.33	5%	-
Small Retail	Water Heat	Dishwasher	Dishwasher Enhanced Efficiency (EF 1.00) 200	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	New	155.00	11	$ 1,067.33	5%	-
Small Retail	Water Heat	Dishwasher	ENERGY STAR 295 kWh/yr and 4.25	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	Existing	60.00	11	$ 272.18	4%	-
Small Retail	Water Heat	Dishwasher	ENERGY STAR 295 kWh/yr and 4.25	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	New	60.00	11	$ 272.18	4%	-
Small Retail	Water Heat	Drainwater Heat Recovery	Install Power-Pipe or GFX System	No GFX or Power-Pipe System	Per 40 Gal Water Heater	Existing	365.75	40	$ 833.35	60%	66
Small Retail	Water Heat	Drainwater Heat Recovery	Install Power-Pipe or GFX System	No GFX or Power-Pipe System	Per 40 Gal Water Heater	New	365.75	40	$ 666.68	83%	4
Small Retail	Water Heat	Faucet Aerator	0.5 GPM	Existing Aerator (3.0 GPM)	Per Aerator	Existing	57.15	10	$ 4.76	67%	25
Small Retail	Water Heat	Ultrasonic Faucet Control	Install Ultrasonic Faucet Control	No Faucet Control	Per Faucet	Existing	22.86	10	$ 196.25	81%	-
Small Retail	Water Heat	Ultrasonic Faucet Control	Install Ultrasonic Faucet Control	No Faucet Control	Per Faucet	New	22.86	10	$ 196.25	81%	-
Small Retail	Water Heat	Water Heater - Pipe Insulation	Hot Water Pipe Insulation (R-4)	No Pipe Insulation	Per Linear Foot	Existing	2.29	13	$ 2.10	56%	3
Small Retail	Water Heat	Water Heater - Tank Blanket/Insulation	Install Insulation (R-11)	No Tank Insulation	Per Water Heater	Existing	73.15	7	$ 62.60	5%	-
Small Retail	Water Heat	Water Heater - Thermostat Setback	Install Programmable Thermostat (120 Degrees)	No Thermostat Setback (130 Degrees)	Per Water Heater	Existing	248.81	4	$ 102.34	35%	-
Small Retail	Water Heat	Water Heating - ENERGY STAR	ENERGY STAR Heat Pump Water Heater EF =	Standard Water Heater EF = 0.92	Per Building SqFt	Existing	0.16	13	$ 0.14	75%	145
Small Retail	Water Heat	Water Heating - ENERGY STAR	ENERGY STAR Heat Pump Water Heater EF =	Standard Water Heater EF = 0.92	Per Building SqFt	New	0.16	13	$ 0.14	75%	15
Small Retail	Water Heat	Water Heating - Storage 2015 Standard	2015 Standard Water Heater EF = 0.95	Standard Water Heater EF = 0.92	Per Building SqFt	Existing	0.01	13	$ 0.01	100%	2
Small Retail	Water Heat	Water Heating - Storage 2015 Standard	2015 Standard Water Heater EF = 0.95	Standard Water Heater EF = 0.92	Per Building SqFt	New	0.01	13	$ 0.01	100%	0
Small Retail	Water Heat	Water Heating - Storage Below	Below Standard Water Heater EF = 0.86	Below Standard Water Heater EF = 0.86	Per Building SqFt	Existing	-	13	$ -	100%	-
Small Retail	Water Heat	Water Heating - Storage Below	Below Standard Water Heater EF = 0.86	Below Standard Water Heater EF = 0.86	Per Building SqFt	New	-	13	$ -	100%	-
Small Retail	Water Heat	Water Heating - Storage Standard	Standard Water Heater EF = 0.92	Standard Water Heater EF = 0.92	Per Building SqFt	Existing	-	13	$ -	100%	-
Small Retail	Water Heat	Water Heating - Storage Standard	Standard Water Heater EF = 0.92	Standard Water Heater EF = 0.92	Per Building SqFt	New	-	13	$ -	100%	-
Small Retail	Water Heat	Water Heating - Tankless	Tankless Water Heater EF = 0.95	Standard Water Heater EF = 0.92	Per Building SqFt	Existing	0.02	13	$ 0.03	0%	-
Small Retail	Water Heat	Water Heating - Tankless	Tankless Water Heater EF = 0.95	Standard Water Heater EF = 0.92	Per Building SqFt	New	0.02	13	$ 0.03	0%	-
Warehouse	Computers	Computer - ENERGY STAR	ENERGY STAR Computer	Standard Computer	Per Building SqFt	Existing	0.03	4	$ 0.01	100%	1,947
Warehouse	Computers	Computer - ENERGY STAR	ENERGY STAR Computer	Standard Computer	Per Building SqFt	New	0.03	4	$ 0.01	100%	116
Warehouse	Computers	Computer - Standard	Standard Computer	Standard Computer	Per Building SqFt	Existing	-	4	$ -	100%	-
Warehouse	Computers	Computer - Standard	Standard Computer	Standard Computer	Per Building SqFt	New	-	4	$ -	100%	-
Warehouse	Computers	Office Computer Network Energy	Office Computer Network Energy Management	No Network Management	Per Computer	Existing	88.00	5	$ 12.00	81%	1,117
Warehouse	Computers	Office Computer Network Energy	Office Computer Network Energy Management	No Network Management	Per Computer	New	88.00	5	$ 12.00	81%	64
Warehouse	Cooling	Chiller - Below Code	Below Standard Chiller - 0.74 kW/ton	Below Standard Chiller - 0.74 kW/ton	Per Building SqFt	Existing	-	20	$ -	100%	-
Warehouse	Cooling	Chiller - Below Code	Below Standard Chiller - 0.74 kW/ton	Below Standard Chiller - 0.74 kW/ton	Per Building SqFt	New	-	20	$ -	100%	-
Warehouse	Cooling	Chiller - High Efficiency	High Efficiency Chiller - 0.63 kW/ton	Standard Chiller - 0.68 kW/ton	Per Building SqFt	Existing	0.02	20	$ 0.03	100%	-
Warehouse	Cooling	Chiller - High Efficiency	High Efficiency Chiller - 0.63 kW/ton	Standard Chiller - 0.68 kW/ton	Per Building SqFt	New	0.01	20	$ 0.03	100%	-
Warehouse	Cooling	Chiller - Premium Efficiency	Premium Efficiency Chiller - 0.58 kW/ton	Standard Chiller - 0.68 kW/ton	Per Building SqFt	Existing	0.04	20	$ 0.10	100%	153
Warehouse	Cooling	Chiller - Premium Efficiency	Premium Efficiency Chiller - 0.58 kW/ton	Standard Chiller - 0.68 kW/ton	Per Building SqFt	New	0.03	20	$ 0.10	100%	17
Warehouse	Cooling	Chiller - Standard	Standard Chiller - 0.68 kW/ton	Standard Chiller - 0.68 kW/ton	Per Building SqFt	Existing	-	20	$ -	100%	-

Warehouse	Cooling	Chiller - Standard	Standard Chiller - 0.68 kW/ton	Standard Chiller - 0.68 kW/ton	Per Building SqFt	New	-	20	$ -	100%	-
Warehouse	Cooling	Commissioning	Commissioning/QI - New Installation	No Commissioning	Per SqFt	New	0.02	7	$ 1.16	95%	-
Warehouse	Cooling	Cool Roofs	ENERGY STAR Cool Roof - Reflect Material	Standard Roof	Per Roof Area SqFt	Existing	0.03	15	$ 0.68	93%	-
Warehouse	Cooling	Cool Roofs	ENERGY STAR Cool Roof - Reflect Material	Standard Roof	Per Roof Area SqFt	New	0.02	15	$ 0.68	93%	-
Warehouse	Cooling	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	Existing	939.31	5	$ 3,122.28	33%	-
Warehouse	Cooling	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	New	704.78	5	$ 3,122.28	33%	-
Warehouse	Cooling	Direct Digital Control System-	DDC Retrofit - EMS Upgrade	Pneumatic	Per Building	Existing	1,408.97	5	$ 5,067.28	6%	-
Warehouse	Cooling	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	Existing	17.72	20	$ 477.04	76%	-
Warehouse	Cooling	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	New	17.72	20	$ 477.04	76%	-
Warehouse	Cooling	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	Existing	7.88	20	$ 60.58	62%	6
Warehouse	Cooling	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	New	7.88	20	$ 60.58	62%	0
Warehouse	Cooling	Duct Repair And Sealing	Reduction In Duct Losses to 5%	No Repair or Sealing, 15% duct losses	Per Building SqFt	Existing	0.01	18	$ 0.24	1%	-
Warehouse	Cooling	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	Existing	0.03	30	$ 10.13	75%	-
Warehouse	Cooling	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	New	0.02	30	$ 10.13	75%	-
Warehouse	Cooling	Infiltration Control	Weather-Stripping	Standard Practice	Per Window SqFt	Existing	0.24	13	$ 0.39	9%	7
Warehouse	Cooling	Insulation - Duct	New Duct Insulation (R-8) (Unconditioned	No Insulation	Per Surface Area of Duct	Existing	0.14	20	$ 2.61	0%	-
Warehouse	Cooling	Insulation - Roof	R-20ci	Average Existing Insulation (R-10)	Per Roof Area SqFt	Existing	0.01	25	$ 1.77	13%	-
Warehouse	Cooling	Insulation - Wall	R-13+R-7.5ci	Average Existing Insulation (R-10)	Per Wall Area SqFt	Existing	0.04	25	$ 1.84	33%	-
Warehouse	Cooling	Retro-Commissioning	Retro-Commissioning	No Retro-Commissioning	Per SqFt	Existing	0.04	7	$ 0.30	76%	-
Warehouse	Cooling	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	Existing	0.07	25	$ 3.67	53%	-
Warehouse	Cooling	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	New	0.07	25	$ 3.67	60%	-
Warehouse	Cooling	Window - Metal Framing	U-Value = 0.55 (Code Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	0.08	25	$ 27.83	10%	-
Warehouse	Cooling	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	Existing	0.05	25	$ 2.08	12%	-
Warehouse	Cooling	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	New	0.05	25	$ 2.08	14%	-
Warehouse	Cooling	Window - Non-Metal Framing	U-Value = 0.35 (Code Non-Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	0.23	25	$ 42.42	12%	-
Warehouse	Cooling DX	Advanced Control Technology	Advanced Control Technologies for Packaged	Standard Controls	Per 5 Tons of Cooling	Existing	184.07	15	$ 4,920.00	15%	-
Warehouse	Cooling DX	Commissioning	Commissioning/QI - New Installation	No Commissioning	Per SqFt	New	0.04	7	$ 1.16	90%	-
Warehouse	Cooling DX	Cool Roofs	ENERGY STAR Cool Roof - Reflect Material	Standard Roof	Per Roof Area SqFt	Existing	0.04	15	$ 0.68	93%	-
Warehouse	Cooling DX	Cool Roofs	ENERGY STAR Cool Roof - Reflect Material	Standard Roof	Per Roof Area SqFt	New	0.03	15	$ 0.68	93%	-
Warehouse	Cooling DX	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	Existing	1,558.12	5	$ 2,929.75	33%	-
Warehouse	Cooling DX	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	New	1,024.09	5	$ 3,122.28	33%	-
Warehouse	Cooling DX	Direct Digital Control System-	DDC Retrofit - EMS Upgrade	Pneumatic	Per Building	Existing	2,337.18	5	$ 5,067.28	6%	-
Warehouse	Cooling DX	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	Existing	24.79	20	$ 477.04	76%	-
Warehouse	Cooling DX	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	New	24.79	20	$ 477.04	76%	-
Warehouse	Cooling DX	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	Existing	11.02	20	$ 60.58	62%	40
Warehouse	Cooling DX	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	New	11.02	20	$ 60.58	62%	3
Warehouse	Cooling DX	Duct Repair And Sealing	Reduction In Duct Losses to 5%	No Repair or Sealing, 15% duct losses	Per Building SqFt	Existing	0.01	18	$ 0.24	38%	-
Warehouse	Cooling DX	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	Existing	0.04	30	$ 10.13	75%	-
Warehouse	Cooling DX	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	New	0.03	30	$ 10.13	75%	-
Warehouse	Cooling DX	Infiltration Control	Weather-Stripping	Standard Practice	Per Window SqFt	Existing	0.41	13	$ 0.39	9%	56
Warehouse	Cooling DX	Insulation - Duct	New Duct Insulation (R-8) (Unconditioned	No Insulation	Per Surface Area of Duct	Existing	0.23	20	$ 2.61	15%	126
Warehouse	Cooling DX	Insulation - Floor	R-30	Average Existing Insulation (R-10)	Per Floor Area SqFt	Existing	0.02	25	$ 1.82	29%	-
Warehouse	Cooling DX	Insulation - Roof	R-20ci	Average Existing Insulation (R-10)	Per Roof Area SqFt	Existing	0.02	25	$ 1.77	13%	-
Warehouse	Cooling DX	Insulation - Wall	R-13+R-7.5ci	Average Existing Insulation (R-10)	Per Wall Area SqFt	Existing	0.05	25	$ 1.84	33%	-
Warehouse	Cooling DX	Package Terminal - Air Conditioner	High Efficiency Package Terminal Air	Federal Standard Equipment	Per Package Terminal AC	Existing	70.34	9	$ 88.00	7%	9
Warehouse	Cooling DX	Package Terminal - Air Conditioner	High Efficiency Package Terminal Air	Federal Standard Equipment	Per Package Terminal AC	New	70.34	9	$ 88.00	7%	1
Warehouse	Cooling DX	Retro-Commissioning	Retro-Commissioning	No Retro-Commissioning	Per SqFt	Existing	0.07	7	$ 0.30	90%	2,875
Warehouse	Cooling DX	Rooftop DX Unit - Below Standard	Below Standard 9.5 EER, Air-Cooled = 135 and	Below Standard 9.5 EER, Air-Cooled = 135 and	Per Building SqFt	Existing	-	15	$ -	100%	-
Warehouse	Cooling DX	Rooftop DX Unit - Below Standard	Below Standard 9.5 EER, Air-Cooled = 135 and	Below Standard 9.5 EER, Air-Cooled = 135 and	Per Building SqFt	New	-	15	$ -	100%	-
Warehouse	Cooling DX	Rooftop DX Unit - CEE Tier 1	CEE Tier 1 11.5 EER, Air-Cooled = 135 and <	Federal Standard 11.0 EER, Air-Cooled = 135	Per Building SqFt	Existing	0.02	15	$ 0.05	100%	-
Warehouse	Cooling DX	Rooftop DX Unit - CEE Tier 1	CEE Tier 1 11.5 EER, Air-Cooled = 135 and <	Federal Standard 11.0 EER, Air-Cooled = 135	Per Building SqFt	New	0.01	15	$ 0.05	100%	-
Warehouse	Cooling DX	Rooftop DX Unit - CEE Tier 2	CEE Tier 2 12.0 EER, Air-Cooled = 135 and <	Federal Standard 11.0 EER, Air-Cooled = 135	Per Building SqFt	Existing	0.04	15	$ 0.08	100%	748
Warehouse	Cooling DX	Rooftop DX Unit - CEE Tier 2	CEE Tier 2 12.0 EER, Air-Cooled = 135 and <	Federal Standard 11.0 EER, Air-Cooled = 135	Per Building SqFt	New	0.02	15	$ 0.08	100%	-
Warehouse	Cooling DX	Rooftop DX Unit - Standard	Federal Standard 11.0 EER, Air-Cooled = 135	Federal Standard 11.0 EER, Air-Cooled = 135	Per Building SqFt	Existing	-	15	$ -	100%	-
Warehouse	Cooling DX	Rooftop DX Unit - Standard	Federal Standard 11.0 EER, Air-Cooled = 135	Federal Standard 11.0 EER, Air-Cooled = 135	Per Building SqFt	New	-	15	$ -	100%	-
Warehouse	Cooling DX	Thermostat Programmable	Setback Thermostat 5-1-1, 5-2 or 7-day	Manual Thermostat	Per Thermostat	Existing	233.72	15	$ 138.50	93%	577
Warehouse	Cooling DX	Tune-up - Air Conditioner	Air Conditioner Maintenance (Tune-up)	Unmaintained Air Conditioner	Per Ton	Existing	21.66	3	$ 48.00	48%	-
Warehouse	Cooling DX	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	Existing	0.10	25	$ 3.67	53%	-
Warehouse	Cooling DX	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	New	0.10	25	$ 3.67	60%	-
Warehouse	Cooling DX	Window - Metal Framing	U-Value = 0.55 (Code Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	0.11	25	$ 27.83	10%	-
Warehouse	Cooling DX	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	Existing	0.07	25	$ 2.08	12%	-
Warehouse	Cooling DX	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	New	0.07	25	$ 2.08	14%	-
Warehouse	Cooling DX	Window - Non-Metal Framing	U-Value = 0.35 (Code Non-Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	0.33	25	$ 42.42	12%	-

Warehouse	Cooling DX	Window Air Conditioner	CEE TIER 1 = 11.3 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Window AC	Existing	111.75	9	$ 406.80	32%	-
Warehouse	Cooling DX	Window Air Conditioner	CEE TIER 1 = 11.3 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Window AC	New	111.75	9	$ 406.80	32%	-
Warehouse	Cooling DX	Window Air Conditioner	CEE TIER 2 = 11.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Window AC	Existing	142.68	9	$ 771.98	33%	-
Warehouse	Cooling DX	Window Air Conditioner	CEE TIER 2 = 11.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Window AC	New	142.68	9	$ 771.98	33%	-
Warehouse	Cooling DX	Window Air Conditioner	ENERGY STAR = 10.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Window AC	Existing	77.95	9	$ 41.62	26%	39
Warehouse	Cooling DX	Window Air Conditioner	ENERGY STAR = 10.8 EER; 8,000-13,999 Btu	Federal Standard 9.8 EER; 8,000-13,999 Btu	Per Window AC	New	77.95	9	$ 41.62	26%	2
Warehouse	Ext Lighting	Exterior Lighting - Standard	Standard Exterior Lighting	Standard Exterior Lighting	Per Building SqFt	Existing	-	14	$ -	100%	-
Warehouse	Ext Lighting	Exterior Lighting - Standard	Standard Exterior Lighting	Standard Exterior Lighting	Per Building SqFt	New	-	14	$ -	100%	-
Warehouse	Ext Lighting	Lighting - LED Lighting Package	Exterior LED Lighting Package	Standard Lighting	Per Lighting Package	Existing	461.34	13	$ 316.86	66%	-
Warehouse	Ext Lighting	Lighting - High Intensity Discharge	High Efficiency Metal Halide Lighting Packages	Standard HID Lighting	Per Lighting Package	Existing	198.76	5	$ (0.94)	62%	116
Warehouse	Ext Lighting	Lighting - Induction Lighting Package	Induction Lighting Package	Standard HID Lighting	Per Lighting Package	Existing	565.08	13	$ 66.21	67%	820
Warehouse	Fax	Fax - ENERGY STAR	ENERGY STAR Fax	Standard Fax	Per Building SqFt	Existing	0.00	6	$ 0.00	100%	172
Warehouse	Fax	Fax - ENERGY STAR	ENERGY STAR Fax	Standard Fax	Per Building SqFt	New	0.00	6	$ 0.00	100%	12
Warehouse	Fax	Fax - Standard	Standard Fax	Standard Fax	Per Building SqFt	Existing	-	6	$ -	100%	-
Warehouse	Fax	Fax - Standard	Standard Fax	Standard Fax	Per Building SqFt	New	-	6	$ -	100%	-
Warehouse	Flat Screen	Monitor - ENERGY STAR Flat Screen	ENERGY STAR Flat Screen Monitor	Standard Flat Screen Monitor	Per Building SqFt	Existing	0.00	4	$ 0.00	100%	-
Warehouse	Flat Screen	Monitor - ENERGY STAR Flat Screen	ENERGY STAR Flat Screen Monitor	Standard Flat Screen Monitor	Per Building SqFt	New	0.00	4	$ 0.00	100%	-
Warehouse	Flat Screen	Monitor - Standard Flat Screen	Standard Flat Screen Monitor	Standard Flat Screen Monitor	Per Building SqFt	Existing	-	4	$ -	100%	-
Warehouse	Flat Screen	Monitor - Standard Flat Screen	Standard Flat Screen Monitor	Standard Flat Screen Monitor	Per Building SqFt	New	-	4	$ -	100%	-
Warehouse	Freezers	Freezer - 2014 Federal Standard	2014 Standard Freezer	Standard Freezer	Per Building SqFt	Existing	0.00	12	$ 0.00	100%	-
Warehouse	Freezers	Freezer - 2014 Federal Standard	2014 Standard Freezer	Standard Freezer	Per Building SqFt	New	0.00	12	$ 0.00	100%	-
Warehouse	Freezers	Freezer - Below Standard	Below Standard Freezer	Below Standard Freezer	Per Building SqFt	Existing	-	12	$ -	100%	-
Warehouse	Freezers	Freezer - Below Standard	Below Standard Freezer	Below Standard Freezer	Per Building SqFt	New	-	12	$ -	100%	-
Warehouse	Freezers	Freezer - ENERGY STAR	ENERGY STAR Freezer	Standard Freezer	Per Building SqFt	Existing	0.00	12	$ 0.00	100%	-
Warehouse	Freezers	Freezer - ENERGY STAR	ENERGY STAR Freezer	Standard Freezer	Per Building SqFt	New	0.00	12	$ 0.00	100%	-
Warehouse	Freezers	Freezer - Standard	Standard Freezer	Standard Freezer	Per Building SqFt	Existing	-	12	$ -	100%	-
Warehouse	Freezers	Freezer - Standard	Standard Freezer	Standard Freezer	Per Building SqFt	New	-	12	$ -	100%	-
Warehouse	HVAC Aux	ECM Motor	Central Air Conditioner ECM Fan	Standard Motor	Per ECM	Existing	1,699.92	15	$ 200.00	54%	1,671
Warehouse	HVAC Aux	ECM Motor	Central Air Conditioner ECM Fan	Standard Motor	Per ECM	New	1,074.67	15	$ 200.00	79%	90
Warehouse	HVAC Aux	ECM Motor	Electric Furnace ECM Fan	Standard Motor	Per ECM	Existing	1,699.92	15	$ 200.00	4%	114
Warehouse	HVAC Aux	ECM Motor	Electric Furnace ECM Fan	Standard Motor	Per ECM	New	1,074.67	15	$ 200.00	5%	6
Warehouse	HVAC Aux	ECM Motor	Gas Furnace ECM Fan (CEE Air Handling Ratio	Standard Motor	Per ECM	Existing	1,699.92	15	$ 200.00	56%	1,716
Warehouse	HVAC Aux	ECM Motor	Gas Furnace ECM Fan (CEE Air Handling Ratio	Standard Motor	Per ECM	New	1,074.67	15	$ 200.00	81%	92
Warehouse	HVAC Aux	HVAC Auxillary - Standard Equipment	Standard HVAC Auxillary	Standard HVAC Auxillary	Per Building SqFt	Existing	-	15	$ -	100%	-
Warehouse	HVAC Aux	HVAC Auxillary - Standard Equipment	Standard HVAC Auxillary	Standard HVAC Auxillary	Per Building SqFt	New	-	15	$ -	100%	-
Warehouse	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 1-15 HP, 1200-3600	NEMA Qualifying Standard Motor	Per Motor	Existing	75.68	15	$ 274.24	67%	-
Warehouse	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 1-15 HP, 1200-3600	NEMA Qualifying Standard Motor	Per Motor	New	75.68	15	$ 274.24	67%	-
Warehouse	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 125-200 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	Existing	2,066.69	15	$ 2,036.86	0%	1
Warehouse	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 125-200 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	New	518.91	15	$ 2,036.86	9%	-
Warehouse	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 20-40 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	Existing	518.91	15	$ 678.39	9%	-
Warehouse	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 20-40 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	New	1,143.16	15	$ 678.39	1%	0
Warehouse	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 250-500 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	Existing	5,959.61	15	$ 4,197.32	0%	0
Warehouse	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 250-500 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	New	2,066.69	15	$ 4,197.32	0%	-
Warehouse	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 50-100 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	Existing	1,143.16	15	$ 1,375.63	1%	2
Warehouse	HVAC Aux	Motor - Enhanced (Ultra-PE)	Enhanced (Ultra-PE) Motor 50-100 HP, 1200-	NEMA Qualifying Standard Motor	Per Motor	New	5,959.61	15	$ 1,375.63	0%	0
Warehouse	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 1-15 HP	Constant Speed Motor	Per Building	Existing	5,200.99	15	$ 1,151.20	67%	6,339
Warehouse	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 1-15 HP	Constant Speed Motor	Per Building	New	3,288.00	15	$ 1,151.20	67%	234
Warehouse	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 125-200 HP	Constant Speed Motor	Per Building	Existing	5,200.99	15	$ 540.72	1%	58
Warehouse	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 125-200 HP	Constant Speed Motor	Per Building	New	3,288.00	15	$ 540.72	1%	2
Warehouse	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 20-40 HP	Constant Speed Motor	Per Building	Existing	5,200.99	15	$ 667.19	4%	408
Warehouse	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 20-40 HP	Constant Speed Motor	Per Building	New	3,288.00	15	$ 667.19	4%	15
Warehouse	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 250-500 HP	Constant Speed Motor	Per Building	Existing	5,200.99	15	$ 410.35	0%	22
Warehouse	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 250-500 HP	Constant Speed Motor	Per Building	New	3,288.00	15	$ 410.35	0%	1
Warehouse	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 50-100 HP	Constant Speed Motor	Per Building	Existing	5,200.99	15	$ 821.98	1%	129
Warehouse	HVAC Aux	Variable Frequency Drive	Variable Speed Drive Control, 50-100 HP	Constant Speed Motor	Per Building	New	3,288.00	15	$ 821.98	1%	5
Warehouse	Heat Pump	Commissioning	Commissioning/QI - New Installation	No Commissioning	Per SqFt	New	0.32	7	$ 1.16	90%	-
Warehouse	Heat Pump	Cool Roofs	ENERGY STAR Cool Roof - Reflect Material	Standard Roof	Per Roof Area SqFt	Existing	0.04	15	$ 0.68	93%	-
Warehouse	Heat Pump	Cool Roofs	ENERGY STAR Cool Roof - Reflect Material	Standard Roof	Per Roof Area SqFt	New	0.03	15	$ 0.68	93%	-
Warehouse	Heat Pump	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	Existing	9,720.60	5	$ 5,859.49	33%	-
Warehouse	Heat Pump	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	New	9,133.69	5	$ 5,859.49	33%	-
Warehouse	Heat Pump	Direct Digital Control System-	DDC Retrofit - EMS Upgrade	Pneumatic	Per Building	Existing	14,580.90	5	$ 4,709.71	6%	-
Warehouse	Heat Pump	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	Existing	296.41	20	$ 477.04	76%	-
Warehouse	Heat Pump	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	New	296.41	20	$ 477.04	76%	-

Warehouse	Heat Pump	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	Existing	131.74	20	$ 60.58	62%	58
Warehouse	Heat Pump	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	New	131.74	20	$ 60.58	62%	3
Warehouse	Heat Pump	Duct Repair And Sealing	Reduction In Duct Losses to 5%	No Repair or Sealing, 15% duct losses	Per Building SqFt	Existing	0.08	18	$ 0.24	38%	-
Warehouse	Heat Pump	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	Existing	0.04	30	$ 10.13	75%	-
Warehouse	Heat Pump	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	New	0.03	30	$ 10.13	75%	-
Warehouse	Heat Pump	Heat Pump - Below Standard	Below Standard Air Source Heat Pump 9.0 EER	Below Standard Air Source Heat Pump 9.0 EER	Per Building SqFt	Existing	-	15	$ -	100%	-
Warehouse	Heat Pump	Heat Pump - Below Standard	Below Standard Air Source Heat Pump 9.0 EER	Below Standard Air Source Heat Pump 9.0 EER	Per Building SqFt	New	-	15	$ -	100%	-
Warehouse	Heat Pump	Heat Pump - ENERGY STAR	ENERGY STAR Ground Source Heat Pump	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	Existing	0.39	15	$ 11.78	5%	-
Warehouse	Heat Pump	Heat Pump - ENERGY STAR	ENERGY STAR Ground Source Heat Pump	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	New	0.34	15	$ 7.57	5%	-
Warehouse	Heat Pump	Heat Pump - High Efficiency	High Efficiency Air Source Heat Pump 11.1 EER	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	Existing	0.09	15	$ 0.11	100%	-
Warehouse	Heat Pump	Heat Pump - High Efficiency	High Efficiency Air Source Heat Pump 11.1 EER	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	New	0.08	15	$ 0.11	100%	-
Warehouse	Heat Pump	Heat Pump - Premium Efficiency	Premium Efficiency Water Source Heat Pump	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	Existing	0.58	15	$ 0.56	5%	83
Warehouse	Heat Pump	Heat Pump - Premium Efficiency	Premium Efficiency Water Source Heat Pump	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	New	0.55	15	$ 0.64	5%	10
Warehouse	Heat Pump	Heat Pump - Standard	Federal Standard Air Source Heat Pump 10.6	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	Existing	-	15	$ -	100%	-
Warehouse	Heat Pump	Heat Pump - Standard	Federal Standard Air Source Heat Pump 10.6	Federal Standard Air Source Heat Pump 10.6	Per Building SqFt	New	-	15	$ -	100%	-
Warehouse	Heat Pump	Heat Pump - Variable Refrigerant Flow	Variable Refrigerant Flow System (VRF) - Heat	Packaged VAV With Electric Reheat	Per Ton	Existing	513.39	15	$ 540.00	33%	-
Warehouse	Heat Pump	Heat Pump - Variable Refrigerant Flow	Variable Refrigerant Flow System (VRF) - Heat	Packaged VAV With Electric Reheat	Per Ton	New	482.39	15	$ 540.00	81%	-
Warehouse	Heat Pump	Infiltration Control	Weather-Stripping	Standard Practice	Per Window SqFt	Existing	5.38	13	$ 0.39	9%	89
Warehouse	Heat Pump	Insulation - Duct	New Duct Insulation (R-8) (Unconditioned	No Insulation	Per Surface Area of Duct	Existing	1.41	20	$ 2.61	15%	-
Warehouse	Heat Pump	Insulation - Floor	R-30	Average Existing Insulation (R-10)	Per Floor Area SqFt	Existing	0.29	25	$ 1.82	29%	-
Warehouse	Heat Pump	Insulation - Roof	R-20ci	Average Existing Insulation (R-10)	Per Roof Area SqFt	Existing	0.19	25	$ 1.77	13%	-
Warehouse	Heat Pump	Insulation - Wall	R-13+R-7.5ci	Average Existing Insulation (R-10)	Per Wall Area SqFt	Existing	0.59	25	$ 1.84	33%	-
Warehouse	Heat Pump	Package Terminal - Heat Pump	High Efficiency Package Terminal Air	Federal Standard Equipment	Per Ton	Existing	70.34	15	$ 150.01	10%	-
Warehouse	Heat Pump	Package Terminal - Heat Pump	High Efficiency Package Terminal Air	Federal Standard Equipment	Per Ton	New	70.34	15	$ 150.01	10%	-
Warehouse	Heat Pump	Retro-Commissioning	Retro-Commissioning	No Retro-Commissioning	Per SqFt	Existing	0.42	7	$ 0.30	90%	-
Warehouse	Heat Pump	Thermostat Programmable	Setback Thermostat 5-1-1, 5-2 or 7-day	Manual Thermostat	Per Thermostat	Existing	1,458.09	15	$ 138.50	93%	433
Warehouse	Heat Pump	Tune-up - Air Source Heat Pump	Air Source Heat Pump Maintenance (Tune-up)	Unmaintained Air Source Heat Pump	Per Ton	Existing	135.10	3	$ 48.00	48%	-
Warehouse	Heat Pump	Tune-up - Ground Source Heat Pump	Ground Source Heat Pump Maintenance (Tune-	Unmaintained Ground Source Heat Pump	Per Ton	Existing	135.10	3	$ 48.00	48%	-
Warehouse	Heat Pump	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	Existing	1.22	25	$ 3.67	53%	-
Warehouse	Heat Pump	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	New	1.22	25	$ 3.67	60%	-
Warehouse	Heat Pump	Window - Metal Framing	U-Value = 0.55 (Code Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	1.27	25	$ 27.83	10%	-
Warehouse	Heat Pump	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	Existing	0.78	25	$ 2.08	12%	-
Warehouse	Heat Pump	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	New	0.78	25	$ 2.08	14%	-
Warehouse	Heat Pump	Window - Non-Metal Framing	U-Value = 0.35 (Code Non-Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	3.90	25	$ 42.42	12%	-
Warehouse	Lighting	Bi-Level Control, Stairwell Lighting	Bi-Level Stairwell Occupancy Sensor Control,	Continuous Full Power Lighting in Stairways	Per Stairwell Lighting Control	Existing	60.77	9	$ 107.50	68%	-
Warehouse	Lighting	Bi-Level Control, Stairwell Lighting	Bi-Level Stairwell Occupancy Sensor Control,	Continuous Full Power Lighting in Stairways	Per Stairwell Lighting Control	New	40.75	9	$ 107.50	68%	-
Warehouse	Lighting	Ceiling Fans	ENERGY STAR Ceiling Fans with Light Kit	Standard Ceiling Fan	Per Ceiling Fan	Existing	98.55	10	$ 119.55	85%	-
Warehouse	Lighting	Ceiling Fans	ENERGY STAR Ceiling Fans with Light Kit	Standard Ceiling Fan	Per Ceiling Fan	New	98.55	10	$ 119.55	85%	-
Warehouse	Lighting	Daylighting Controls	Continuous Dimming, Fluorescent Fixtures (Day-	No Dimming Controls	Per Applicable SQFT of Dimmable Perimeter	Existing	2.13	9	$ 1.67	34%	13,607
Warehouse	Lighting	Daylighting Controls	Continuous Dimming, Fluorescent Fixtures (Day-	No Dimming Controls	Per Applicable SQFT of Dimmable Perimeter	New	1.43	13	$ 1.67	0%	-
Warehouse	Lighting	Daylighting Controls	Dual Level Switches, Fluorescent Fixtures	No Dimming Controls	Per Applicable SQFT of Dimmable Perimeter	Existing	0.87	9	$ 0.83	34%	-
Warehouse	Lighting	Daylighting Controls	Dual Level Switches, Fluorescent Fixtures	No Dimming Controls	Per Applicable SQFT of Dimmable Perimeter	New	0.59	13	$ 0.83	0%	-
Warehouse	Lighting	Exit Sign - LED	LED Exit Signs	CFL Exit Sign	Per Exit Sign	Existing	175.20	11	$ 68.22	60%	2,602
Warehouse	Lighting	Exit Sign - Photoluminescent	Photoluminescent Exit Sign	LED Exit Sign	Per Exit Sign	Existing	35.04	13	$ 30.00	93%	809
Warehouse	Lighting	Exit Sign - Photoluminescent	Photoluminescent Exit Sign	LED Exit Sign	Per Exit Sign	New	35.04	13	$ 30.00	93%	47
Warehouse	Lighting	LED Strip Lighting	LED Strip Lighting (Non-Refrigerated)	Fluorescent	Per Linear Foot of Lighting	Existing	0.56	11	$ 2.99	78%	-
Warehouse	Lighting	LED Strip Lighting	LED Strip Lighting (Non-Refrigerated)	Fluorescent	Per Linear Foot of Lighting	New	0.56	11	$ 2.99	78%	-
Warehouse	Lighting	LightLouver Daylighting System	LightLouver Daylighting System	No Daylight System	Per Linear Feet of Window	Existing	49.82	9	$ 65.00	40%	-
Warehouse	Lighting	Lighting - CFL Lamp Package	ENERGY STAR CFL	EISA Incandescent	Per Building	Existing	11,367.94	2	$ 69.56	68%	4,427
Warehouse	Lighting	Lighting - Clock/Timer	Lighting Clock/Timer Commercial grade	No Time Clock	Per Lighting Control	Existing	976.70	9	$ 205.43	42%	6,335
Warehouse	Lighting	Lighting - Fluorescent High	Fluorescent HP Lamps and Ballasts Packages	Standard Lighting	Per Lighting Package	Existing	6,134.54	13	$10,680.74	90%	-
Warehouse	Lighting	Lighting - Fluorescent Reduced	Fluorescent RW Lamps and Ballasts Packages	Standard Lighting	Per Lighting Package	Existing	12,269.09	13	$ 8,974.56	76%	20,352
Warehouse	Lighting	Lighting - High Bay Fluorescent High	High Bay Fluorescent HO Packages	Standard HID Lighting	Per Lighting Package	Existing	26,397.92	15	$ 3,512.06	73%	15,510
Warehouse	Lighting	Lighting - High Bay LED Package	High Bay LED Package	Standard HID Lighting	Per Lighting Package	Existing	17,343.72	20	$66,033.10	94%	-
Warehouse	Lighting	Lighting - High Intensity Discharge	High Efficiency Metal Halide Lighting Packages	Standard HID Lighting	Per Lighting Package	Existing	10,709.30	15	$ 3,473.31	67%	-
Warehouse	Lighting	Lighting - Induction Lighting Package	Induction Lighting Package	Standard HID Lighting	Per Lighting Package	Existing	29,591.48	20	$ 4,871.25	62%	39,884
Warehouse	Lighting	Lighting - LED Lamp Package	ENERGY STAR LED	EISA Incandescent	Per Lighting Package	Existing	13,694.62	11	$ 3,242.93	73%	21,967
Warehouse	Lighting	Lighting - LPD Package	LPD Reduction Package 15%	LPD Code	Per Lighting Package	New	14,105.25	15	$ 102.75	68%	336
Warehouse	Lighting	Lighting - LPD Package	LPD Reduction Package 25%	LPD Code	Per Lighting Package	New	23,508.75	15	$ 2,298.92	71%	2,131
Warehouse	Lighting	Lighting - Specialty Lamp Package	CFL and LED Specialty Lamp Package	Standard Incandescent	Per Lighting Package	Existing	208.96	3	$ 14.00	81%	368
Warehouse	Lighting	Lighting - Standard	Standard Lighting	Standard Lighting	Per Building SqFt	Existing	-	14	$ -	100%	-
Warehouse	Lighting	Lighting - Standard	Standard Lighting	Standard Lighting	Per Building SqFt	New	-	14	$ -	100%	-
Warehouse	Lighting	Occupancy Sensor - High-Bay	Fixture-Mounted (Control > 150 Watts)	No Sensor	Per Lighting Control	Existing	598.20	14	$ 225.00	31%	14,040

Warehouse	Lighting	Occupancy Sensor - High-Bay	Fixture-Mounted (Control > 150 Watts)	No Sensor	Per Lighting Control	New	401.10	14	$ 225.00	31%	549
Warehouse	Lighting	Occupancy Sensor - Wall or Ceiling	Wall or Ceiling-Mounted (Control > 400 Watts)	No Sensor	Per Lighting Control	Existing	27.04	14	$ 225.00	43%	-
Warehouse	Lighting	Occupancy Sensor - Wall or Ceiling	Wall or Ceiling-Mounted (Control > 400 Watts)	No Sensor	Per Lighting Control	New	18.13	14	$ 225.00	43%	-
Warehouse	Other	Compressed Air Optimization	Compressed Air - Leak Audit, New	No Leak Audit And No New Compressor And	Per Compressor HP	Existing	281.82	10	$ 50.00	2%	-
Warehouse	Other	Other - Standard	Standard Other Equipment	Standard Other Equipment	Per Building SqFt	Existing	-	10	$ -	100%	-
Warehouse	Other	Other - Standard	Standard Other Equipment	Standard Other Equipment	Per Building SqFt	New	-	10	$ -	100%	-
Warehouse	Other	Transformers	Transformers, Three-Phase Low-Voltage Dry-	Standard Efficiency Transformer NEMA TP-1-	Per Transformer	Existing	399.99	30	$ 851.00	50%	-
Warehouse	Other	Transformers	Transformers, Three-Phase Low-Voltage Dry-	Standard Efficiency Transformer NEMA TP-1-	Per Transformer	New	399.99	30	$ 851.00	50%	-
Warehouse	Other Plug	All-In-One Office Equipment	All-In-One ENERGY STAR Office Equipment	Non-ENERGY STAR Features	Per All-in-One Device	Existing	200.08	6	$ 218.33	68%	-
Warehouse	Other Plug	All-In-One Office Equipment	All-In-One ENERGY STAR Office Equipment	Non-ENERGY STAR Features	Per All-in-One Device	New	200.08	6	$ 218.33	68%	-
Warehouse	Other Plug	Ceiling Fans	ENERGY STAR Ceiling Fans with Light Kit	Standard Ceiling Fan	Per Ceiling Fan	Existing	4.33	10	$ 119.55	85%	-
Warehouse	Other Plug	Ceiling Fans	ENERGY STAR Ceiling Fans with Light Kit	Standard Ceiling Fan	Per Ceiling Fan	New	4.33	10	$ 119.55	85%	-
Warehouse	Other Plug	Ceiling Fans	ENERGY STAR Ceiling Fans without Light Kit	Standard Ceiling Fan	Per Ceiling Fan	Existing	4.33	10	$ 1.46	85%	16
Warehouse	Other Plug	Ceiling Fans	ENERGY STAR Ceiling Fans without Light Kit	Standard Ceiling Fan	Per Ceiling Fan	New	4.33	10	$ 1.46	85%	1
Warehouse	Other Plug	Plug Load - Standard Equipment	Standard Plug Load	Standard Plug Load	Per Building SqFt	Existing	-	10	$ -	100%	-
Warehouse	Other Plug	Plug Load - Standard Equipment	Standard Plug Load	Standard Plug Load	Per Building SqFt	New	-	10	$ -	100%	-
Warehouse	Other Plug	Snow Melt System Control	Snow Melt System Control	Manual Control	Per Snow Melt Control	Existing	79.57	25	$ 2,782.00	5%	-
Warehouse	Other Plug	Snow Melt System Control	Snow Melt System Control	Manual Control	Per Snow Melt Control	New	84.21	25	$ 2,782.00	0%	-
Warehouse	Other Plug	Water Coolers	ENERGY STAR Water Cooler	Non-ENERGY STAR Water Cooler	Per Water Cooler	Existing	42.75	10	$ 5.00	56%	52
Warehouse	Other Plug	Water Coolers	ENERGY STAR Water Cooler	Non-ENERGY STAR Water Cooler	Per Water Cooler	New	45.24	10	$ 5.00	56%	3
Warehouse	Photo	Photo Copier - ENERGY STAR	ENERGY STAR Photo Copier	Standard Photo Copier	Per Building SqFt	Existing	0.00	6	$ 0.01	100%	-
Warehouse	Photo	Photo Copier - ENERGY STAR	ENERGY STAR Photo Copier	Standard Photo Copier	Per Building SqFt	New	0.00	6	$ 0.01	100%	-
Warehouse	Photo	Photo Copiers - Standard	Standard Photo Copier	Standard Photo Copier	Per Building SqFt	Existing	-	6	$ -	100%	-
Warehouse	Photo	Photo Copiers - Standard	Standard Photo Copier	Standard Photo Copier	Per Building SqFt	New	-	6	$ -	100%	-
Warehouse	Printers	Printers - ENERGY STAR	ENERGY STAR Printers	Standard Printers	Per Building SqFt	Existing	0.01	6	$ 0.00	100%	525
Warehouse	Printers	Printers - ENERGY STAR	ENERGY STAR Printers	Standard Printers	Per Building SqFt	New	0.01	6	$ 0.00	100%	36
Warehouse	Printers	Printers - Standard	Standard Printers	Standard Printers	Per Building SqFt	Existing	-	6	$ 0.00	100%	-
Warehouse	Printers	Printers - Standard	Standard Printers	Standard Printers	Per Building SqFt	New	-	6	$ 0.00	100%	-
Warehouse	Refrigerator	Refrigerator - 2014 Federal Standard	2014 Standard Refrigerator	Standard Refrigerator	Per Building SqFt	Existing	0.01	13	$ 0.02	100%	-
Warehouse	Refrigerator	Refrigerator - 2014 Federal Standard	2014 Standard Refrigerator	Standard Refrigerator	Per Building SqFt	New	0.01	13	$ 0.02	100%	-
Warehouse	Refrigerator	Refrigerator - Below Standard	Below Standard Refrigerator	Below Standard Refrigerator	Per Building SqFt	Existing	-	13	$ -	100%	-
Warehouse	Refrigerator	Refrigerator - Below Standard	Below Standard Refrigerator	Below Standard Refrigerator	Per Building SqFt	New	-	13	$ -	100%	-
Warehouse	Refrigerator	Refrigerator - CEE Tier 1	CEE Tier 1 Refrigerator	Standard Refrigerator	Per Building SqFt	Existing	0.01	13	$ 0.03	100%	-
Warehouse	Refrigerator	Refrigerator - CEE Tier 1	CEE Tier 1 Refrigerator	Standard Refrigerator	Per Building SqFt	New	0.01	13	$ 0.03	100%	-
Warehouse	Refrigerator	Refrigerator - CEE Tier 2	CEE Tier 2 Refrigerator	Standard Refrigerator	Per Building SqFt	Existing	0.00	13	$ 0.01	100%	-
Warehouse	Refrigerator	Refrigerator - CEE Tier 2	CEE Tier 2 Refrigerator	Standard Refrigerator	Per Building SqFt	New	0.00	13	$ 0.01	100%	-
Warehouse	Refrigerator	Refrigerator - ENERGY STAR	ENERGY STAR Refrigerator	Standard Refrigerator	Per Building SqFt	Existing	0.00	13	$ 0.01	100%	-
Warehouse	Refrigerator	Refrigerator - ENERGY STAR	ENERGY STAR Refrigerator	Standard Refrigerator	Per Building SqFt	New	0.00	13	$ 0.01	100%	-
Warehouse	Refrigerator	Refrigerator - Federal Standard	Standard Refrigerator	Standard Refrigerator	Per Building SqFt	Existing	-	13	$ -	100%	-
Warehouse	Refrigerator	Refrigerator - Federal Standard	Standard Refrigerator	Standard Refrigerator	Per Building SqFt	New	-	13	$ -	100%	-
Warehouse	Servers	Server - ENERGY STAR	ENERGY STAR Server	Standard Server	Per Building SqFt	Existing	0.00	9	$ 0.00	100%	217
Warehouse	Servers	Server - ENERGY STAR	ENERGY STAR Server	Standard Server	Per Building SqFt	New	0.00	9	$ 0.00	100%	18
Warehouse	Servers	Server - Standard	Standard Server	Standard Server	Per Building SqFt	Existing	-	9	$ -	100%	-
Warehouse	Servers	Server - Standard	Standard Server	Standard Server	Per Building SqFt	New	-	9	$ -	100%	-
Warehouse	Space Heat	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	Existing	27,633.19	5	$ 2,629.68	33%	734
Warehouse	Space Heat	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	New	28,269.41	5	$ 2,929.75	33%	45
Warehouse	Space Heat	Direct Digital Control System-	DDC Retrofit - EMS Upgrade	Pneumatic	Per Building	Existing	41,449.79	5	$ 4,709.71	6%	199
Warehouse	Space Heat	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	Existing	488.92	20	$ 477.04	76%	-
Warehouse	Space Heat	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	New	488.92	20	$ 477.04	76%	-
Warehouse	Space Heat	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	Existing	217.30	20	$ 60.58	62%	49
Warehouse	Space Heat	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	New	217.30	20	$ 60.58	62%	3
Warehouse	Space Heat	Duct Repair And Sealing	Reduction In Duct Losses to 5%	No Repair or Sealing, 15% duct losses	Per Building SqFt	Existing	0.22	18	$ 0.24	38%	-
Warehouse	Space Heat	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	Existing	0.75	30	$ 10.13	75%	-
Warehouse	Space Heat	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	New	0.77	30	$ 10.13	75%	-
Warehouse	Space Heat	Infiltration Control	Weather-Stripping	Standard Practice	Per Window SqFt	Existing	16.78	13	$ 0.39	9%	144
Warehouse	Space Heat	Insulation - Duct	New Duct Insulation (R-8) (Unconditioned	No Insulation	Per Surface Area of Duct	Existing	4.00	20	$ 2.61	15%	133
Warehouse	Space Heat	Insulation - Floor	R-30	Average Existing Insulation (R-10)	Per Floor Area SqFt	Existing	0.48	25	$ 1.82	29%	-
Warehouse	Space Heat	Insulation - Roof	R-20ci	Average Existing Insulation (R-10)	Per Roof Area SqFt	Existing	0.32	25	$ 1.77	13%	-
Warehouse	Space Heat	Insulation - Wall	R-13+R-7.5ci	Average Existing Insulation (R-10)	Per Wall Area SqFt	Existing	0.97	25	$ 1.84	33%	-
Warehouse	Space Heat	Space Heat - Standard	Standard Space Heat	Standard Space Heat	Per Building SqFt	Existing	-	20	$ -	100%	-
Warehouse	Space Heat	Space Heat - Standard	Standard Space Heat	Standard Space Heat	Per Building SqFt	New	-	20	$ -	100%	-
Warehouse	Space Heat	Thermostat Programmable	Setback Thermostat 5-1-1, 5-2 or 7-day	Manual Thermostat	Per Thermostat	Existing	4,144.98	15	$ 138.50	93%	634
Warehouse	Space Heat	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	Existing	2.01	25	$ 3.67	53%	-

Warehouse	Space Heat	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	New	2.01	25	$ 3.67	60%	-
Warehouse	Space Heat	Window - Metal Framing	U-Value = 0.55 (Code Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	2.10	25	$ 27.83	10%	-
Warehouse	Space Heat	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	Existing	1.29	25	$ 2.08	12%	-
Warehouse	Space Heat	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	New	1.29	25	$ 2.08	14%	-
Warehouse	Space Heat	Window - Non-Metal Framing	U-Value = 0.35 (Code Non-Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	6.43	25	$ 42.42	12%	-
Warehouse	Vending	Vending Machine - Controller	Refrigerated Vending Machine Controller	No Controls	Per Vending Machine	Existing	1,394.81	3	$ 238.00	25%	335
Warehouse	Vending	Vending Machine - Controller	Refrigerated Vending Machine Controller	No Controls	Per Vending Machine	New	1,394.81	3	$ 238.00	25%	17
Warehouse	Vending	Vending Machine - ENERGY STAR	ENERGY STAR Vending Machine	Standard Vending Machine	Per Building SqFt	Existing	0.02	10	$ 0.00	100%	834
Warehouse	Vending	Vending Machine - ENERGY STAR	ENERGY STAR Vending Machine	Standard Vending Machine	Per Building SqFt	New	0.02	10	$ 0.00	100%	73
Warehouse	Vending	Vending Machine - Standard	Standard Vending Machine	Standard Vending Machine	Per Building SqFt	Existing	-	10	$ -	100%	-
Warehouse	Vending	Vending Machine - Standard	Standard Vending Machine	Standard Vending Machine	Per Building SqFt	New	-	10	$ -	100%	-
Warehouse	Water Heat	Desuperheaters - Air Conditioner	Add-on Desuperheaters to Air Conditioner	No Desuperheater	Per Desuperheater	Existing	151.64	10	$ 600.00	63%	-
Warehouse	Water Heat	Desuperheaters - Air Source Heat	Add-on Desuperheaters to Air Source Heat	No Desuperheater	Per Desuperheater	Existing	948.06	10	$ 600.00	2%	12
Warehouse	Water Heat	Desuperheaters - Ground Source Heat	Add-on Desuperheaters to Ground Source Heat	No Desuperheater	Per Desuperheater	Existing	948.06	10	$ 600.00	0%	0
Warehouse	Water Heat	Dishwasher	Dishwasher Enhanced Efficiency (EF 1.00) 200	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	Existing	155.00	11	$ 1,067.33	10%	-
Warehouse	Water Heat	Dishwasher	Dishwasher Enhanced Efficiency (EF 1.00) 200	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	New	155.00	11	$ 1,067.33	10%	-
Warehouse	Water Heat	Dishwasher	ENERGY STAR 295 kWh/yr and 4.25	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	Existing	60.00	11	$ 272.18	8%	-
Warehouse	Water Heat	Dishwasher	ENERGY STAR 295 kWh/yr and 4.25	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	New	60.00	11	$ 272.18	8%	-
Warehouse	Water Heat	Drainwater Heat Recovery	Install Power-Pipe or GFX System	No GFX or Power-Pipe System	Per 40 Gal Water Heater	Existing	948.06	40	$ 833.35	60%	546
Warehouse	Water Heat	Drainwater Heat Recovery	Install Power-Pipe or GFX System	No GFX or Power-Pipe System	Per 40 Gal Water Heater	New	948.06	40	$ 666.68	83%	35
Warehouse	Water Heat	Faucet Aerator	0.5 GPM	Existing Aerator (3.0 GPM)	Per Aerator	Existing	49.38	10	$ 4.76	67%	133
Warehouse	Water Heat	Ultrasonic Faucet Control	Install Ultrasonic Faucet Control	No Faucet Control	Per Faucet	Existing	29.63	10	$ 196.25	90%	-
Warehouse	Water Heat	Ultrasonic Faucet Control	Install Ultrasonic Faucet Control	No Faucet Control	Per Faucet	New	29.63	10	$ 196.25	90%	-
Warehouse	Water Heat	Water Heater - Pipe Insulation	Hot Water Pipe Insulation (R-4)	No Pipe Insulation	Per Linear Foot	Existing	5.93	13	$ 2.10	56%	26
Warehouse	Water Heat	Water Heater - Tank Blanket/Insulation	Install Insulation (R-11)	No Tank Insulation	Per Water Heater	Existing	189.61	7	$ 62.60	5%	8
Warehouse	Water Heat	Water Heater - Thermostat Setback	Install Programmable Thermostat (120 Degrees)	No Thermostat Setback (130 Degrees)	Per Water Heater	Existing	644.94	4	$ 102.34	35%	191
Warehouse	Water Heat	Water Heating - ENERGY STAR	ENERGY STAR Heat Pump Water Heater EF =	Standard Water Heater EF = 0.92	Per Building SqFt	Existing	0.07	13	$ 0.03	75%	1,147
Warehouse	Water Heat	Water Heating - ENERGY STAR	ENERGY STAR Heat Pump Water Heater EF =	Standard Water Heater EF = 0.92	Per Building SqFt	New	0.07	13	$ 0.03	75%	120
Warehouse	Water Heat	Water Heating - Storage 2015 Standard	2015 Standard Water Heater EF = 0.95	Standard Water Heater EF = 0.92	Per Building SqFt	Existing	0.00	13	$ 0.00	100%	19
Warehouse	Water Heat	Water Heating - Storage 2015 Standard	2015 Standard Water Heater EF = 0.95	Standard Water Heater EF = 0.92	Per Building SqFt	New	0.00	13	$ 0.00	100%	2
Warehouse	Water Heat	Water Heating - Storage Below	Below Standard Water Heater EF = 0.86	Below Standard Water Heater EF = 0.86	Per Building SqFt	Existing	-	13	$ -	100%	-
Warehouse	Water Heat	Water Heating - Storage Below	Below Standard Water Heater EF = 0.86	Below Standard Water Heater EF = 0.86	Per Building SqFt	New	-	13	$ -	100%	-
Warehouse	Water Heat	Water Heating - Storage Standard	Standard Water Heater EF = 0.92	Standard Water Heater EF = 0.92	Per Building SqFt	Existing	-	13	$ -	100%	-
Warehouse	Water Heat	Water Heating - Storage Standard	Standard Water Heater EF = 0.92	Standard Water Heater EF = 0.92	Per Building SqFt	New	-	13	$ -	100%	-
Warehouse	Water Heat	Water Heating - Tankless	Tankless Water Heater EF = 0.95	Standard Water Heater EF = 0.92	Per Building SqFt	Existing	0.01	13	$ 0.01	0%	-
Warehouse	Water Heat	Water Heating - Tankless	Tankless Water Heater EF = 0.95	Standard Water Heater EF = 0.92	Per Building SqFt	New	0.01	13	$ 0.01	0%	-

Total Commercial Electric 1,033,059

Segment	End Use	Measure Name	Unit Description	Construction Vintage	Percent Savings	Measure Life	Cost per Base Year KWh Saved	2023 Economic Potential (MWh)
Agriculture	Fans	Agricultural Exhaust Fans (Rate 21	Per Unit	Existing	5%	20	$ 0.25	410
Agriculture	Fans	Circulating Fans	Per Unit	Existing	5%	10	$ 0.12	420
Agriculture	Fans	High Volume Low Speed Fans	Per Unit	Existing	47%	25	$ 1.61	-
Agriculture	Fans	High-Efficiency Ventilation System	Per Unit	Existing	6%	10	$ 1.10	-
Agriculture	HVAC	Energy-Efficient Dehumidifier	Per Unit	Existing	2%	15	$ 0.85	163
Agriculture	HVAC	Heat Reclaimer	Per Unit	Existing	42%	15	$ 0.14	120
Agriculture	HVAC	Heat Recovery Ventilators	Per Unit	Existing	4%	10	$ 0.36	344
Agriculture	HVAC	Infrared Film for Greenhouses	Per Unit	Existing	11%	4	$ 0.21	5
Agriculture	HVAC	Programmable Ventilation Controller	Per Unit	Existing	0%	10	$ 0.11	8
Agriculture	HVAC	Scroll Compressor	Per Unit	Existing	8%	15	$ 0.81	21
Agriculture	Motors	Automatic Milker Takeoff	Per Unit	Existing	3%	15	$ 0.61	14
Agriculture	Motors	VFDs on Small Milking Machines	Per Unit	Existing	3%	15	$ 0.66	15
Agriculture	Motors	Variable Speed Drives for Dairy	Per Unit	Existing	37%	15	$ 0.14	175
Agriculture	Other	Block Heater Timer	Per Unit	Existing	3%	10	$ 0.04	78
Agriculture	Other	Grain bin aeration control systems	Per Unit	Existing	2%	20	$ 0.13	69
Agriculture	Other	Greenhouse Heat Curtain	Per Unit	Existing	17%	5	$ 0.05	6
Agriculture	Other	High Efficiency Stock tank	Per Unit	Existing	4%	10	$ 0.33	102
Agriculture	Other	Livestock Waterers	Per Unit	Existing	11%	10	$ 0.26	315
Agriculture	Process	Crate Heating Pads	Per Unit	Existing	18%	15	$ 0.15	670
Agriculture	Process	Grain dryers	Per Unit	Existing	24%	20	$ 6.56	-
Agriculture	Process	Heat Lamp Setback (Microzone)	Per Unit	Existing	0%	15	$ 0.17	17
Agriculture	Process	Heat Lamp/Heating Pad Controller	Per Unit	Existing	2%	15	$ 0.10	67
Agriculture	Process	Heat Lamps	Per Unit	Existing	3%	10	$ 0.02	131
Agriculture	Process	Milk Precooler - Dairy Plate Cooler	Per Unit	Existing	3%	15	$ 0.52	3
Agriculture	Pumps	Low Pressure Irrigation	Per Unit	Existing	50%	10	$ 0.79	-
Chemical	Fans	Enhanced (Ultra-PE) Motor 1-15 HP,	Per Unit	Existing	1%	15	$ 1.68	-
Chemical	Fans	Enhanced (Ultra-PE) Motor 125-200	Per Unit	Existing	1%	15	$ 1.25	-
Chemical	Fans	Enhanced (Ultra-PE) Motor 20-40 HP,	Per Unit	Existing	0%	15	$ 0.80	214
Chemical	Fans	Enhanced (Ultra-PE) Motor 250-500	Per Unit	Existing	0%	15	$ 0.30	212
Chemical	Fans	Enhanced (Ultra-PE) Motor 50-100 HP,	Per Unit	Existing	1%	15	$ 0.19	518
Chemical	Fans	Integrated Plant Energy Management	Per Unit	Existing	50%	11	$ 0.20	8,096
Chemical	Fans	Motor Early Retirement	Per Unit	Existing	3%	10	$ 4.07	-
Chemical	Fans	Motor Rewind	Per Unit	Existing	1%	10	$ 0.30	36
Chemical	Fans	Premium Fan	Per Unit	Existing	20%	10	$ 0.18	1,551
Chemical	Fans	Synchronous Belts	Per Unit	Existing	1%	10	$ 0.21	170

Chemical	Fans	Variable Speed Drive Control	Per Unit	Existing	14%	10	$	0.18	1,144
Chemical	HVAC	Chiller Air Cooled	Per Unit	Existing	4%	20	$	0.19	546
Chemical	HVAC	Chiller Water-Cooled	Per Unit	Existing	9%	20	$	0.19	1,052
Chemical	HVAC	Clean Room: Change Filter Strategy	Per Unit	Existing	40%	1	$	0.01	2,786
Chemical	HVAC	Clean Room: Chiller Optimize	Per Unit	Existing	15%	10	$	0.08	2,734
Chemical	HVAC	Clean Room: Clean Room HVAC	Per Unit	Existing	9%	20	$	0.16	1,806
Chemical	HVAC	Duct Repair And Sealing	Per Unit	Existing	3%	18	$	4.46	-
Chemical	HVAC	Heat Pump - Ground Source	Per Unit	Existing	32%	15	$	11.53	-
Chemical	HVAC	Package Terminal	Per Unit	Existing	0%	9	$	1.25	-
Chemical	HVAC	Thermostat Programmable	Per Unit	Existing	3%	15	$	0.37	911
Chemical	Lighting	Exit Sign - LED	Per Unit	Existing	2%	11	$	0.43	319
Chemical	Lighting	Exit Sign - Photoluminescent	Per Unit	Existing	0%	13	$	0.86	-
Chemical	Lighting	Lighting - CFL Packages	Per Unit	Existing	8%	2	$	0.01	2,529
Chemical	Lighting	Lighting - Fluorescent High	Per Unit	Existing	4%	7	$	2.10	-
Chemical	Lighting	Lighting - Fluorescent Reduced Wattage	Per Unit	Existing	9%	5	$	0.91	-
Chemical	Lighting	Lighting - High Bay Fluorescent High	Per Unit	Existing	49%	6	$	0.09	9,526
Chemical	Lighting	Lighting - High Intensity Discharge	Per Unit	Existing	10%	5	$	0.47	-
Chemical	Lighting	Lighting - LED Lamp Packages	Per Unit	Existing	10%	11	$	0.23	1,490
Chemical	Motors	Enhanced (Ultra-PE) Motor 1-15 HP,	Per Unit	Existing	1%	15	$	1.68	-
Chemical	Motors	Enhanced (Ultra-PE) Motor 125-200	Per Unit	Existing	1%	15	$	1.25	-
Chemical	Motors	Enhanced (Ultra-PE) Motor 20-40 HP,	Per Unit	Existing	0%	15	$	0.80	530
Chemical	Motors	Enhanced (Ultra-PE) Motor 250-500	Per Unit	Existing	0%	15	$	0.30	486
Chemical	Motors	Enhanced (Ultra-PE) Motor 50-100 HP,	Per Unit	Existing	1%	15	$	0.19	1,173
Chemical	Motors	Material Handling	Per Unit	Existing	5%	10	$	0.47	4,324
Chemical	Motors	Motor Early Retirement	Per Unit	Existing	3%	10	$	4.07	-
Chemical	Motors	Motor Management Plan	Per Unit	Existing	3%	10	$	0.07	2,451
Chemical	Motors	Motor Rewind	Per Unit	Existing	1%	10	$	0.30	81
Chemical	Motors	Switch from Belt drive to Direct Drive	Per Unit	Existing	8%	12	$	0.21	1,318
Chemical	Motors	Synchronous Belts	Per Unit	Existing	1%	10	$	0.21	384
Chemical	Motors	Variable Speed Drive Control	Per Unit	Existing	13%	10	$	0.21	2,310
Chemical	Other	Power Quality-Improving Appliances	Per Unit	Existing	0%	20	$	2.21	-
Chemical	Other	Transformers	Per Unit	Existing	2%	30	$	0.10	38
Chemical	Process	Air Compressor Optimization	Per Unit	Existing	21%	10	$	0.09	14,197
Chemical	Process	Integrated Plant Energy Management	Per Unit	Existing	50%	11	$	0.20	16,477
Chemical	Process	Motor Management Plan	Per Unit	Existing	3%	10	$	0.07	2,575
Chemical	Process	VFD Controlled Compressor	Per Unit	Existing	22%	15	$	0.50	13,212
Chemical	Process	Chiller - Water Piping Loop with VSD	Per Unit	Existing	9%	15	$	0.27	5,384
Chemical	Process	Defrost Control System	Per Unit	Existing	7%	15	$	0.08	2,846
Chemical	Process	Desuperheaters	Per Unit	Existing	3%	14	$	0.60	1,655

Chemical	Process	Evaporator Fan Controller	Per Unit	Existing	5%	16	$	0.08	2,033
Chemical	Process	Freezer-Cooler Replacement Gaskets	Per Unit	Existing	4%	4	$	0.08	108
Chemical	Process	Insulation for Bare Suction Lines	Per Unit	Existing	1%	10	$	0.97	-
Chemical	Process	Mechanical Subcoolers	Per Unit	Existing	0%	15	$	0.35	230
Chemical	Process	Strip Curtains for Walk-Ins	Per Unit	Existing	4%	4	$	0.18	245
Chemical	Process	Synchronous Belts	Per Unit	Existing	1%	10	$	0.21	290
Chemical	Process	VFD on Cooling Tower Fans	Per Unit	Existing	6%	15	$	0.08	3,818
Chemical	Process	Variable Speed Compressor Systems	Per Unit	Existing	10%	15	$	0.22	4,104
Chemical	Process	Walk-in PSC to ECM	Per Unit	Existing	5%	10	$	0.48	41
Chemical	Process	Walk-in Shaded Pole to ECM	Per Unit	Existing	7%	10	$	0.48	36
Chemical	Pumps	Enhanced (Ultra-PE) Motor 1-15 HP,	Per Unit	Existing	1%	15	$	1.68	-
Chemical	Pumps	Enhanced (Ultra-PE) Motor 125-200	Per Unit	Existing	1%	15	$	1.25	-
Chemical	Pumps	Enhanced (Ultra-PE) Motor 20-40 HP,	Per Unit	Existing	0%	15	$	0.80	501
Chemical	Pumps	Enhanced (Ultra-PE) Motor 250-500	Per Unit	Existing	0%	15	$	0.30	497
Chemical	Pumps	Enhanced (Ultra-PE) Motor 50-100 HP,	Per Unit	Existing	1%	15	$	0.19	1,174
Chemical	Pumps	Integrated Plant Energy Management	Per Unit	Existing	50%	11	$	0.20	18,298
Chemical	Pumps	Motor Early Retirement	Per Unit	Existing	3%	10	$	4.07	-
Chemical	Pumps	Motor Rewind	Per Unit	Existing	1%	10	$	0.30	82
Chemical	Pumps	Pump System Optimization	Per Unit	Existing	12%	12	$	0.26	2,792
Chemical	Pumps	Variable Speed Drive Control	Per Unit	Existing	4%	10	$	0.21	648
Electrical	Fans	Enhanced (Ultra-PE) Motor 1-15 HP,	Per Unit	Existing	1%	15	$	1.68	-
Electrical	Fans	Enhanced (Ultra-PE) Motor 125-200	Per Unit	Existing	1%	15	$	1.25	-
Electrical	Fans	Enhanced (Ultra-PE) Motor 20-40 HP,	Per Unit	Existing	0%	15	$	0.80	6
Electrical	Fans	Enhanced (Ultra-PE) Motor 250-500	Per Unit	Existing	0%	15	$	0.30	6
Electrical	Fans	Enhanced (Ultra-PE) Motor 50-100 HP,	Per Unit	Existing	1%	15	$	0.19	15
Electrical	Fans	Integrated Plant Energy Management	Per Unit	Existing	50%	11	$	0.20	235
Electrical	Fans	Motor Early Retirement	Per Unit	Existing	3%	10	$	4.07	-
Electrical	Fans	Motor Rewind	Per Unit	Existing	1%	10	$	0.30	1
Electrical	Fans	Premium Fan	Per Unit	Existing	20%	10	$	0.18	45
Electrical	Fans	Synchronous Belts	Per Unit	Existing	1%	10	$	0.21	5
Electrical	Fans	Variable Speed Drive Control	Per Unit	Existing	14%	10	$	0.18	33
Electrical	HVAC	Chiller Air Cooled	Per Unit	Existing	4%	20	$	0.19	57
Electrical	HVAC	Chiller Water-Cooled	Per Unit	Existing	9%	20	$	0.19	113
Electrical	HVAC	Clean Room: Change Filter Strategy	Per Unit	Existing	40%	1	$	0.01	297
Electrical	HVAC	Clean Room: Chiller Optimize	Per Unit	Existing	15%	10	$	0.08	291
Electrical	HVAC	Clean Room: Clean Room HVAC	Per Unit	Existing	9%	20	$	0.16	192
Electrical	HVAC	Duct Repair And Sealing	Per Unit	Existing	3%	18	$	4.46	-
Electrical	HVAC	Heat Pump - Ground Source	Per Unit	Existing	32%	15	$	11.53	-
Electrical	HVAC	Package Terminal	Per Unit	Existing	0%	9	$	1.25	-

Electrical	HVAC	Solidstate Chiller	Per Unit	Existing	90%	10	$	0.51	1,146
Electrical	HVAC	Thermostat Programmable	Per Unit	Existing	3%	15	$	0.37	97
Electrical	Lighting	Exit Sign - LED	Per Unit	Existing	2%	11	$	0.43	45
Electrical	Lighting	Exit Sign - Photoluminescent	Per Unit	Existing	0%	13	$	0.86	-
Electrical	Lighting	Lighting - CFL Packages	Per Unit	Existing	8%	2	$	0.01	359
Electrical	Lighting	Lighting - Fluorescent High	Per Unit	Existing	4%	7	$	2.10	-
Electrical	Lighting	Lighting - Fluorescent Reduced Wattage	Per Unit	Existing	9%	5	$	0.91	-
Electrical	Lighting	Lighting - High Bay Fluorescent High	Per Unit	Existing	49%	6	$	0.09	1,352
Electrical	Lighting	Lighting - High Intensity Discharge	Per Unit	Existing	10%	5	$	0.47	-
Electrical	Lighting	Lighting - LED Lamp Packages	Per Unit	Existing	10%	11	$	0.23	211
Electrical	Motors	Enhanced (Ultra-PE) Motor 1-15 HP,	Per Unit	Existing	1%	15	$	1.68	-
Electrical	Motors	Enhanced (Ultra-PE) Motor 125-200	Per Unit	Existing	1%	15	$	1.25	-
Electrical	Motors	Enhanced (Ultra-PE) Motor 20-40 HP,	Per Unit	Existing	0%	15	$	0.80	16
Electrical	Motors	Enhanced (Ultra-PE) Motor 250-500	Per Unit	Existing	0%	15	$	0.30	14
Electrical	Motors	Enhanced (Ultra-PE) Motor 50-100 HP,	Per Unit	Existing	1%	15	$	0.19	34
Electrical	Motors	Material Handling	Per Unit	Existing	5%	10	$	0.47	127
Electrical	Motors	Motor Early Retirement	Per Unit	Existing	3%	10	$	4.07	-
Electrical	Motors	Motor Management Plan	Per Unit	Existing	3%	10	$	0.07	72
Electrical	Motors	Motor Rewind	Per Unit	Existing	1%	10	$	0.30	2
Electrical	Motors	Switch from Belt drive to Direct Drive	Per Unit	Existing	8%	12	$	0.21	39
Electrical	Motors	Synchronous Belts	Per Unit	Existing	1%	10	$	0.21	11
Electrical	Motors	Variable Speed Drive Control	Per Unit	Existing	13%	10	$	0.21	67
Electrical	Other	Power Quality-Improving Appliances	Per Unit	Existing	0%	20	$	2.21	-
Electrical	Other	Transformers	Per Unit	Existing	2%	30	$	0.10	3
Electrical	Process	Air Compressor Optimization	Per Unit	Existing	21%	10	$	0.09	376
Electrical	Process	Integrated Plant Energy Management	Per Unit	Existing	50%	11	$	0.20	486
Electrical	Process	Motor Management Plan	Per Unit	Existing	3%	10	$	0.07	69
Electrical	Process	VFD Controlled Compressor	Per Unit	Existing	22%	15	$	0.50	353
Electrical	Process	Elec Chip Fab: Eliminate Exhaust	Per Unit	Existing	5%	10	$	0.19	66
Electrical	Process	Elec Chip Fab: Exhaust Injector	Per Unit	Existing	100%	10	$	0.45	551
Electrical	Process	Elec Chip Fab: Reduce Gas Pressure	Per Unit	Existing	10%	10	$	-	-
Electrical	Process	Chiller - Water Piping Loop with VSD	Per Unit	Existing	9%	15	$	0.27	117
Electrical	Process	Desuperheaters	Per Unit	Existing	3%	14	$	0.60	36
Electrical	Process	Floating Head Pressure Controller	Per Unit	Existing	9%	15	$	0.08	107
Electrical	Process	Floating Suction Pressure Controller	Per Unit	Existing	1%	15	$	0.08	17
Electrical	Process	Synchronous Belts	Per Unit	Existing	1%	10	$	0.21	8
Electrical	Process	VFD on Cooling Tower Fans	Per Unit	Existing	6%	15	$	0.08	78
Electrical	Pumps	Enhanced (Ultra-PE) Motor 1-15 HP,	Per Unit	Existing	1%	15	$	1.68	-
Electrical	Pumps	Enhanced (Ultra-PE) Motor 125-200	Per Unit	Existing	1%	15	$	1.25	-

Electrical	Pumps	Enhanced (Ultra-PE) Motor 20-40 HP,	Per Unit	Existing	0%	15	$	0.80	14
Electrical	Pumps	Enhanced (Ultra-PE) Motor 250-500	Per Unit	Existing	0%	15	$	0.30	14
Electrical	Pumps	Enhanced (Ultra-PE) Motor 50-100 HP,	Per Unit	Existing	1%	15	$	0.19	33
Electrical	Pumps	Integrated Plant Energy Management	Per Unit	Existing	50%	11	$	0.20	531
Electrical	Pumps	Motor Early Retirement	Per Unit	Existing	3%	10	$	4.07	-
Electrical	Pumps	Motor Rewind	Per Unit	Existing	1%	10	$	0.30	2
Electrical	Pumps	Pump System Optimization	Per Unit	Existing	12%	12	$	0.26	78
Electrical	Pumps	Variable Speed Drive Control	Per Unit	Existing	4%	10	$	0.21	19
Fabricated	Fans	Enhanced (Ultra-PE) Motor 1-15 HP,	Per Unit	Existing	1%	15	$	1.68	-
Fabricated	Fans	Enhanced (Ultra-PE) Motor 125-200	Per Unit	Existing	1%	15	$	1.25	-
Fabricated	Fans	Enhanced (Ultra-PE) Motor 20-40 HP,	Per Unit	Existing	0%	15	$	0.80	45
Fabricated	Fans	Enhanced (Ultra-PE) Motor 250-500	Per Unit	Existing	0%	15	$	0.30	40
Fabricated	Fans	Enhanced (Ultra-PE) Motor 50-100 HP,	Per Unit	Existing	1%	15	$	0.19	98
Fabricated	Fans	Motor Early Retirement	Per Unit	Existing	3%	10	$	4.07	-
Fabricated	Fans	Motor Rewind	Per Unit	Existing	1%	10	$	0.30	7
Fabricated	Fans	Premium Fan	Per Unit	Existing	20%	10	$	0.18	294
Fabricated	Fans	Synchronous Belts	Per Unit	Existing	1%	10	$	0.21	32
Fabricated	Fans	Variable Speed Drive Control	Per Unit	Existing	14%	10	$	0.18	217
Fabricated	HVAC	Chiller Air Cooled	Per Unit	Existing	4%	20	$	0.19	185
Fabricated	HVAC	Chiller Water-Cooled	Per Unit	Existing	9%	20	$	0.19	357
Fabricated	HVAC	Duct Repair And Sealing	Per Unit	Existing	3%	18	$	4.46	-
Fabricated	HVAC	Heat Pump - Ground Source	Per Unit	Existing	32%	15	$	11.53	-
Fabricated	HVAC	Package Terminal	Per Unit	Existing	0%	9	$	1.25	-
Fabricated	HVAC	Thermostat Programmable	Per Unit	Existing	3%	15	$	0.37	309
Fabricated	Lighting	Exit Sign - LED	Per Unit	Existing	2%	11	$	0.43	152
Fabricated	Lighting	Exit Sign - Photoluminescent	Per Unit	Existing	0%	13	$	0.86	-
Fabricated	Lighting	Lighting - CFL Packages	Per Unit	Existing	8%	2	$	0.01	1,202
Fabricated	Lighting	Lighting - Fluorescent High	Per Unit	Existing	4%	7	$	2.10	-
Fabricated	Lighting	Lighting - Fluorescent Reduced Wattage	Per Unit	Existing	9%	5	$	0.91	-
Fabricated	Lighting	Lighting - High Bay Fluorescent High	Per Unit	Existing	49%	6	$	0.09	4,529
Fabricated	Lighting	Lighting - High Intensity Discharge	Per Unit	Existing	10%	5	$	0.47	-
Fabricated	Lighting	Lighting - LED Lamp Packages	Per Unit	Existing	10%	11	$	0.23	708
Fabricated	Motors	Enhanced (Ultra-PE) Motor 1-15 HP,	Per Unit	Existing	1%	15	$	1.68	-
Fabricated	Motors	Enhanced (Ultra-PE) Motor 125-200	Per Unit	Existing	1%	15	$	1.25	-
Fabricated	Motors	Enhanced (Ultra-PE) Motor 20-40 HP,	Per Unit	Existing	0%	15	$	0.80	128
Fabricated	Motors	Enhanced (Ultra-PE) Motor 250-500	Per Unit	Existing	0%	15	$	0.30	115
Fabricated	Motors	Enhanced (Ultra-PE) Motor 50-100 HP,	Per Unit	Existing	1%	15	$	0.19	276
Fabricated	Motors	Motor Early Retirement	Per Unit	Existing	3%	10	$	4.07	-
Fabricated	Motors	Motor Management Plan	Per Unit	Existing	3%	10	$	0.07	573

Fabricated	Motors	Motor Rewind	Per Unit	Existing	1%	10	$	0.30	19
Fabricated	Motors	Switch from Belt drive to Direct Drive	Per Unit	Existing	8%	12	$	0.21	308
Fabricated	Motors	Synchronous Belts	Per Unit	Existing	1%	10	$	0.21	90
Fabricated	Motors	Variable Speed Drive Control	Per Unit	Existing	13%	10	$	0.21	555
Fabricated	Other	Power Quality-Improving Appliances	Per Unit	Existing	0%	20	$	2.21	-
Fabricated	Other	Transformers	Per Unit	Existing	2%	30	$	0.10	9
Fabricated	Process	Air Compressor Optimization	Per Unit	Existing	21%	10	$	0.09	1,190
Fabricated	Process	Motor Management Plan	Per Unit	Existing	3%	10	$	0.07	217
Fabricated	Process	VFD Controlled Compressor	Per Unit	Existing	22%	15	$	0.50	1,115
Fabricated	Process	Chiller - Water Piping Loop with VSD	Per Unit	Existing	9%	15	$	0.27	581
Fabricated	Process	Desuperheaters	Per Unit	Existing	3%	14	$	0.60	179
Fabricated	Process	Synchronous Belts	Per Unit	Existing	1%	10	$	0.21	31
Fabricated	Process	VFD on Cooling Tower Fans	Per Unit	Existing	6%	15	$	0.08	391
Fabricated	Pumps	Enhanced (Ultra-PE) Motor 1-15 HP,	Per Unit	Existing	1%	15	$	1.68	-
Fabricated	Pumps	Enhanced (Ultra-PE) Motor 125-200	Per Unit	Existing	1%	15	$	1.25	-
Fabricated	Pumps	Enhanced (Ultra-PE) Motor 20-40 HP,	Per Unit	Existing	0%	15	$	0.80	84
Fabricated	Pumps	Enhanced (Ultra-PE) Motor 250-500	Per Unit	Existing	0%	15	$	0.30	74
Fabricated	Pumps	Enhanced (Ultra-PE) Motor 50-100 HP,	Per Unit	Existing	1%	15	$	0.19	174
Fabricated	Pumps	Motor Early Retirement	Per Unit	Existing	3%	10	$	4.07	-
Fabricated	Pumps	Motor Rewind	Per Unit	Existing	1%	10	$	0.30	13
Fabricated	Pumps	Pump System Optimization	Per Unit	Existing	12%	12	$	0.26	470
Fabricated	Pumps	Variable Speed Drive Control	Per Unit	Existing	4%	10	$	0.21	102
Food Mfg	Fans	Enhanced (Ultra-PE) Motor 1-15 HP,	Per Unit	Existing	1%	15	$	1.68	-
Food Mfg	Fans	Enhanced (Ultra-PE) Motor 125-200	Per Unit	Existing	1%	15	$	1.25	-
Food Mfg	Fans	Enhanced (Ultra-PE) Motor 20-40 HP,	Per Unit	Existing	0%	15	$	0.80	131
Food Mfg	Fans	Enhanced (Ultra-PE) Motor 250-500	Per Unit	Existing	0%	15	$	0.30	129
Food Mfg	Fans	Enhanced (Ultra-PE) Motor 50-100 HP,	Per Unit	Existing	1%	15	$	0.19	317
Food Mfg	Fans	Integrated Plant Energy Management	Per Unit	Existing	50%	11	$	0.20	4,831
Food Mfg	Fans	Motor Early Retirement	Per Unit	Existing	3%	10	$	4.07	-
Food Mfg	Fans	Motor Rewind	Per Unit	Existing	1%	10	$	0.30	30
Food Mfg	Fans	Premium Fan	Per Unit	Existing	20%	10	$	0.18	949
Food Mfg	Fans	Synchronous Belts	Per Unit	Existing	1%	10	$	0.21	105
Food Mfg	Fans	Variable Speed Drive Control	Per Unit	Existing	14%	10	$	0.18	700
Food Mfg	HVAC	Chiller Air Cooled	Per Unit	Existing	4%	20	$	0.19	1,009
Food Mfg	HVAC	Chiller Water-Cooled	Per Unit	Existing	9%	20	$	0.19	1,944
Food Mfg	HVAC	Duct Repair And Sealing	Per Unit	Existing	3%	18	$	4.46	-
Food Mfg	HVAC	Heat Pump - Ground Source	Per Unit	Existing	32%	15	$	11.53	-
Food Mfg	HVAC	Package Terminal	Per Unit	Existing	0%	9	$	1.25	-
Food Mfg	HVAC	Thermostat Programmable	Per Unit	Existing	3%	15	$	0.37	1,683

Food Mfg	Lighting	Exit Sign - LED	Per Unit	Existing	2%	11	$	0.43	774
Food Mfg	Lighting	Exit Sign - Photoluminescent	Per Unit	Existing	0%	13	$	0.86	-
Food Mfg	Lighting	Lighting - CFL Packages	Per Unit	Existing	8%	2	$	0.01	6,136
Food Mfg	Lighting	Lighting - Fluorescent High	Per Unit	Existing	4%	7	$	2.10	-
Food Mfg	Lighting	Lighting - Fluorescent Reduced Wattage	Per Unit	Existing	9%	5	$	0.91	-
Food Mfg	Lighting	Lighting - High Bay Fluorescent High	Per Unit	Existing	49%	6	$	0.09	23,115
Food Mfg	Lighting	Lighting - High Intensity Discharge	Per Unit	Existing	10%	5	$	0.47	-
Food Mfg	Lighting	Lighting - LED Lamp Packages	Per Unit	Existing	10%	11	$	0.23	3,615
Food Mfg	Motors	Enhanced (Ultra-PE) Motor 1-15 HP,	Per Unit	Existing	1%	15	$	1.68	-
Food Mfg	Motors	Enhanced (Ultra-PE) Motor 125-200	Per Unit	Existing	1%	15	$	1.25	-
Food Mfg	Motors	Enhanced (Ultra-PE) Motor 20-40 HP,	Per Unit	Existing	0%	15	$	0.80	725
Food Mfg	Motors	Enhanced (Ultra-PE) Motor 250-500	Per Unit	Existing	0%	15	$	0.30	665
Food Mfg	Motors	Enhanced (Ultra-PE) Motor 50-100 HP,	Per Unit	Existing	1%	15	$	0.19	1,604
Food Mfg	Motors	Material Handling	Per Unit	Existing	5%	10	$	0.47	5,915
Food Mfg	Motors	Motor Early Retirement	Per Unit	Existing	3%	10	$	4.07	-
Food Mfg	Motors	Motor Management Plan	Per Unit	Existing	3%	10	$	0.07	3,353
Food Mfg	Motors	Motor Rewind	Per Unit	Existing	1%	10	$	0.30	154
Food Mfg	Motors	Switch from Belt drive to Direct Drive	Per Unit	Existing	8%	12	$	0.21	1,804
Food Mfg	Motors	Synchronous Belts	Per Unit	Existing	1%	10	$	0.21	525
Food Mfg	Motors	Variable Speed Drive Control	Per Unit	Existing	13%	10	$	0.21	3,279
Food Mfg	Other	Power Quality-Improving Appliances	Per Unit	Existing	0%	20	$	2.21	-
Food Mfg	Other	Transformers	Per Unit	Existing	2%	30	$	0.10	83
Food Mfg	Process	Air Compressor Optimization	Per Unit	Existing	21%	10	$	0.09	3,416
Food Mfg	Process	Integrated Plant Energy Management	Per Unit	Existing	50%	11	$	0.20	4,415
Food Mfg	Process	Motor Management Plan	Per Unit	Existing	3%	10	$	0.07	624
Food Mfg	Process	VFD Controlled Compressor	Per Unit	Existing	22%	15	$	0.50	3,207
Food Mfg	Process	Chiller - Water Piping Loop with VSD	Per Unit	Existing	9%	15	$	0.27	16,545
Food Mfg	Process	Defrost Control System	Per Unit	Existing	7%	15	$	0.08	20,775
Food Mfg	Process	Desuperheaters	Per Unit	Existing	3%	14	$	0.60	5,106
Food Mfg	Process	Evaporator Fan Controller	Per Unit	Existing	5%	16	$	0.08	16,054
Food Mfg	Process	Floating Head Pressure Controller	Per Unit	Existing	9%	15	$	0.08	30,641
Food Mfg	Process	Floating Suction Pressure Controller	Per Unit	Existing	1%	15	$	0.08	4,603
Food Mfg	Process	Freezer-Cooler Replacement Gaskets	Per Unit	Existing	4%	4	$	0.08	1,121
Food Mfg	Process	Insulation for Bare Suction Lines	Per Unit	Existing	1%	10	$	0.97	-
Food Mfg	Process	Mechanical Subcoolers	Per Unit	Existing	0%	15	$	0.35	398
Food Mfg	Process	Strip Curtains for Walk-Ins	Per Unit	Existing	4%	4	$	0.18	2,550
Food Mfg	Process	Synchronous Belts	Per Unit	Existing	1%	10	$	0.21	1,006
Food Mfg	Process	VFD on Cooling Tower Fans	Per Unit	Existing	6%	15	$	0.08	12,347
Food Mfg	Process	Variable Speed Compressor Systems	Per Unit	Existing	10%	15	$	0.22	29,310

Food Mfg	Process	Walk-in PSC to ECM	Per Unit	Existing	5%	10	$	0.48	426
Food Mfg	Process	Walk-in Shaded Pole to ECM	Per Unit	Existing	7%	10	$	0.48	1,180
Food Mfg	Pumps	Enhanced (Ultra-PE) Motor 1-15 HP,	Per Unit	Existing	1%	15	$	1.68	-
Food Mfg	Pumps	Enhanced (Ultra-PE) Motor 125-200	Per Unit	Existing	1%	15	$	1.25	-
Food Mfg	Pumps	Enhanced (Ultra-PE) Motor 20-40 HP,	Per Unit	Existing	0%	15	$	0.80	291
Food Mfg	Pumps	Enhanced (Ultra-PE) Motor 250-500	Per Unit	Existing	0%	15	$	0.30	288
Food Mfg	Pumps	Enhanced (Ultra-PE) Motor 50-100 HP,	Per Unit	Existing	1%	15	$	0.19	681
Food Mfg	Pumps	Integrated Plant Energy Management	Per Unit	Existing	50%	11	$	0.20	10,943
Food Mfg	Pumps	Motor Early Retirement	Per Unit	Existing	3%	10	$	4.07	-
Food Mfg	Pumps	Motor Rewind	Per Unit	Existing	1%	10	$	0.30	67
Food Mfg	Pumps	Pump System Optimization	Per Unit	Existing	12%	12	$	0.26	1,620
Food Mfg	Pumps	Variable Speed Drive Control	Per Unit	Existing	4%	10	$	0.21	397
Furniture	Fans	Enhanced (Ultra-PE) Motor 1-15 HP,	Per Unit	Existing	1%	15	$	1.68	-
Furniture	Fans	Enhanced (Ultra-PE) Motor 125-200	Per Unit	Existing	1%	15	$	1.25	-
Furniture	Fans	Enhanced (Ultra-PE) Motor 20-40 HP,	Per Unit	Existing	0%	15	$	0.80	18
Furniture	Fans	Enhanced (Ultra-PE) Motor 250-500	Per Unit	Existing	0%	15	$	0.30	16
Furniture	Fans	Enhanced (Ultra-PE) Motor 50-100 HP,	Per Unit	Existing	1%	15	$	0.19	39
Furniture	Fans	Motor Early Retirement	Per Unit	Existing	3%	10	$	4.07	-
Furniture	Fans	Motor Rewind	Per Unit	Existing	1%	10	$	0.30	2
Furniture	Fans	Premium Fan	Per Unit	Existing	20%	10	$	0.18	118
Furniture	Fans	Synchronous Belts	Per Unit	Existing	1%	10	$	0.21	13
Furniture	Fans	Variable Speed Drive Control	Per Unit	Existing	14%	10	$	0.18	87
Furniture	HVAC	Chiller Air Cooled	Per Unit	Existing	4%	20	$	0.19	118
Furniture	HVAC	Chiller Water-Cooled	Per Unit	Existing	9%	20	$	0.19	227
Furniture	HVAC	Duct Repair And Sealing	Per Unit	Existing	3%	18	$	4.46	-
Furniture	HVAC	Heat Pump - Ground Source	Per Unit	Existing	32%	15	$	11.53	-
Furniture	HVAC	Package Terminal	Per Unit	Existing	0%	9	$	1.25	-
Furniture	HVAC	Thermostat Programmable	Per Unit	Existing	3%	15	$	0.37	197
Furniture	Lighting	Exit Sign - LED	Per Unit	Existing	2%	11	$	0.43	109
Furniture	Lighting	Exit Sign - Photoluminescent	Per Unit	Existing	0%	13	$	0.86	-
Furniture	Lighting	Lighting - CFL Packages	Per Unit	Existing	8%	2	$	0.01	868
Furniture	Lighting	Lighting - Fluorescent High	Per Unit	Existing	4%	7	$	2.10	-
Furniture	Lighting	Lighting - Fluorescent Reduced Wattage	Per Unit	Existing	9%	5	$	0.91	-
Furniture	Lighting	Lighting - High Bay Fluorescent High	Per Unit	Existing	49%	6	$	0.09	3,269
Furniture	Lighting	Lighting - High Intensity Discharge	Per Unit	Existing	10%	5	$	0.47	-
Furniture	Lighting	Lighting - LED Lamp Packages	Per Unit	Existing	10%	11	$	0.23	511
Furniture	Motors	Enhanced (Ultra-PE) Motor 1-15 HP,	Per Unit	Existing	1%	15	$	1.68	-
Furniture	Motors	Enhanced (Ultra-PE) Motor 125-200	Per Unit	Existing	1%	15	$	1.25	-
Furniture	Motors	Enhanced (Ultra-PE) Motor 20-40 HP,	Per Unit	Existing	0%	15	$	0.80	49

Furniture	Motors	Enhanced (Ultra-PE) Motor 250-500	Per Unit	Existing	0%	15	$	0.30	44
Furniture	Motors	Enhanced (Ultra-PE) Motor 50-100 HP,	Per Unit	Existing	1%	15	$	0.19	106
Furniture	Motors	Motor Early Retirement	Per Unit	Existing	3%	10	$	4.07	-
Furniture	Motors	Motor Management Plan	Per Unit	Existing	3%	10	$	0.07	230
Furniture	Motors	Motor Rewind	Per Unit	Existing	1%	10	$	0.30	5
Furniture	Motors	Switch from Belt drive to Direct Drive	Per Unit	Existing	8%	12	$	0.21	124
Furniture	Motors	Synchronous Belts	Per Unit	Existing	1%	10	$	0.21	36
Furniture	Motors	Variable Speed Drive Control	Per Unit	Existing	13%	10	$	0.21	222
Furniture	Other	Power Quality-Improving Appliances	Per Unit	Existing	0%	20	$	2.21	-
Furniture	Other	Transformers	Per Unit	Existing	2%	30	$	0.10	7
Furniture	Process	Air Compressor Optimization	Per Unit	Existing	21%	10	$	0.09	491
Furniture	Process	Motor Management Plan	Per Unit	Existing	3%	10	$	0.07	89
Furniture	Process	VFD Controlled Compressor	Per Unit	Existing	22%	15	$	0.50	459
Furniture	Process	Chiller - Water Piping Loop with VSD	Per Unit	Existing	9%	15	$	0.27	20
Furniture	Process	Desuperheaters	Per Unit	Existing	3%	14	$	0.60	6
Furniture	Process	Synchronous Belts	Per Unit	Existing	1%	10	$	0.21	10
Furniture	Process	VFD on Cooling Tower Fans	Per Unit	Existing	6%	15	$	0.08	13
Furniture	Pumps	Enhanced (Ultra-PE) Motor 1-15 HP,	Per Unit	Existing	1%	15	$	1.68	-
Furniture	Pumps	Enhanced (Ultra-PE) Motor 125-200	Per Unit	Existing	1%	15	$	1.25	-
Furniture	Pumps	Enhanced (Ultra-PE) Motor 20-40 HP,	Per Unit	Existing	0%	15	$	0.80	34
Furniture	Pumps	Enhanced (Ultra-PE) Motor 250-500	Per Unit	Existing	0%	15	$	0.30	30
Furniture	Pumps	Enhanced (Ultra-PE) Motor 50-100 HP,	Per Unit	Existing	1%	15	$	0.19	70
Furniture	Pumps	Motor Early Retirement	Per Unit	Existing	3%	10	$	4.07	-
Furniture	Pumps	Motor Rewind	Per Unit	Existing	1%	10	$	0.30	3
Furniture	Pumps	Pump System Optimization	Per Unit	Existing	12%	12	$	0.26	179
Furniture	Pumps	Variable Speed Drive Control	Per Unit	Existing	4%	10	$	0.21	41
Industrial	Fans	Enhanced (Ultra-PE) Motor 1-15 HP,	Per Unit	Existing	1%	15	$	1.68	-
Industrial	Fans	Enhanced (Ultra-PE) Motor 125-200	Per Unit	Existing	1%	15	$	1.25	-
Industrial	Fans	Enhanced (Ultra-PE) Motor 20-40 HP,	Per Unit	Existing	0%	15	$	0.80	229
Industrial	Fans	Enhanced (Ultra-PE) Motor 250-500	Per Unit	Existing	0%	15	$	0.30	227
Industrial	Fans	Enhanced (Ultra-PE) Motor 50-100 HP,	Per Unit	Existing	1%	15	$	0.19	555
Industrial	Fans	Integrated Plant Energy Management	Per Unit	Existing	50%	11	$	0.20	8,315
Industrial	Fans	Motor Early Retirement	Per Unit	Existing	3%	10	$	4.07	-
Industrial	Fans	Motor Rewind	Per Unit	Existing	1%	10	$	0.30	56
Industrial	Fans	Premium Fan	Per Unit	Existing	20%	10	$	0.18	1,662
Industrial	Fans	Synchronous Belts	Per Unit	Existing	1%	10	$	0.21	181
Industrial	Fans	Variable Speed Drive Control	Per Unit	Existing	14%	10	$	0.18	1,227
Industrial	HVAC	Chiller Air Cooled	Per Unit	Existing	4%	20	$	0.19	2,477
Industrial	HVAC	Chiller Water-Cooled	Per Unit	Existing	9%	20	$	0.19	4,900

Industrial	HVAC	Duct Repair And Sealing	Per Unit	Existing	3%	18	$ 4.46	-
Industrial	HVAC	Heat Pump - Ground Source	Per Unit	Existing	32%	15	$ 11.53	-
Industrial	HVAC	Package Terminal	Per Unit	Existing	0%	9	$ 1.25	-
Industrial	HVAC	Thermostat Programmable	Per Unit	Existing	3%	15	$ 0.37	4,205
Industrial	Lighting	Exit Sign - LED	Per Unit	Existing	2%	11	$ 0.43	1,428
Industrial	Lighting	Exit Sign - Photoluminescent	Per Unit	Existing	0%	13	$ 0.86	-
Industrial	Lighting	Lighting - CFL Packages	Per Unit	Existing	8%	2	$ 0.01	11,323
Industrial	Lighting	Lighting - Fluorescent High	Per Unit	Existing	4%	7	$ 2.10	-
Industrial	Lighting	Lighting - Fluorescent Reduced Wattage	Per Unit	Existing	9%	5	$ 0.91	-
Industrial	Lighting	Lighting - High Bay Fluorescent High	Per Unit	Existing	49%	6	$ 0.09	42,657
Industrial	Lighting	Lighting - High Intensity Discharge	Per Unit	Existing	10%	5	$ 0.47	-
Industrial	Lighting	Lighting - LED Lamp Packages	Per Unit	Existing	10%	11	$ 0.23	6,671
Industrial	Motors	Enhanced (Ultra-PE) Motor 1-15 HP,	Per Unit	Existing	1%	15	$ 1.68	-
Industrial	Motors	Enhanced (Ultra-PE) Motor 125-200	Per Unit	Existing	1%	15	$ 1.25	-
Industrial	Motors	Enhanced (Ultra-PE) Motor 20-40 HP,	Per Unit	Existing	0%	15	$ 0.80	699
Industrial	Motors	Enhanced (Ultra-PE) Motor 250-500	Per Unit	Existing	0%	15	$ 0.30	642
Industrial	Motors	Enhanced (Ultra-PE) Motor 50-100 HP,	Per Unit	Existing	1%	15	$ 0.19	1,551
Industrial	Motors	Material Handling	Per Unit	Existing	5%	10	$ 0.47	5,710
Industrial	Motors	Motor Early Retirement	Per Unit	Existing	3%	10	$ 4.07	-
Industrial	Motors	Motor Management Plan	Per Unit	Existing	3%	10	$ 0.07	3,241
Industrial	Motors	Motor Rewind	Per Unit	Existing	1%	10	$ 0.30	158
Industrial	Motors	Switch from Belt drive to Direct Drive	Per Unit	Existing	8%	12	$ 0.21	1,742
Industrial	Motors	Synchronous Belts	Per Unit	Existing	1%	10	$ 0.21	507
Industrial	Motors	Variable Speed Drive Control	Per Unit	Existing	13%	10	$ 0.21	3,142
Industrial	Other	Power Quality-Improving Appliances	Per Unit	Existing	0%	20	$ 2.21	-
Industrial	Other	Transformers	Per Unit	Existing	2%	30	$ 0.10	67
Industrial	Process	Air Compressor Optimization	Per Unit	Existing	21%	10	$ 0.09	6,731
Industrial	Process	Integrated Plant Energy Management	Per Unit	Existing	50%	11	$ 0.20	8,516
Industrial	Process	Motor Management Plan	Per Unit	Existing	3%	10	$ 0.07	1,228
Industrial	Process	VFD Controlled Compressor	Per Unit	Existing	22%	15	$ 0.50	6,309
Industrial	Process	Chiller - Water Piping Loop with VSD	Per Unit	Existing	9%	15	$ 0.27	3,507
Industrial	Process	Desuperheaters	Per Unit	Existing	3%	14	$ 0.60	1,074
Industrial	Process	Synchronous Belts	Per Unit	Existing	1%	10	$ 0.21	162
Industrial	Process	VFD on Cooling Tower Fans	Per Unit	Existing	6%	15	$ 0.08	2,370
Industrial	Pumps	Enhanced (Ultra-PE) Motor 1-15 HP,	Per Unit	Existing	1%	15	$ 1.68	-
Industrial	Pumps	Enhanced (Ultra-PE) Motor 125-200	Per Unit	Existing	1%	15	$ 1.25	-
Industrial	Pumps	Enhanced (Ultra-PE) Motor 20-40 HP,	Per Unit	Existing	0%	15	$ 0.80	424
Industrial	Pumps	Enhanced (Ultra-PE) Motor 250-500	Per Unit	Existing	0%	15	$ 0.30	421
Industrial	Pumps	Enhanced (Ultra-PE) Motor 50-100 HP,	Per Unit	Existing	1%	15	$ 0.19	994

Industrial	Pumps	Integrated Plant Energy Management	Per Unit	Existing	50%	11	$	0.20	15,599
Industrial	Pumps	Motor Early Retirement	Per Unit	Existing	3%	10	$	4.07	-
Industrial	Pumps	Motor Rewind	Per Unit	Existing	1%	10	$	0.30	104
Industrial	Pumps	Pump System Optimization	Per Unit	Existing	12%	12	$	0.26	2,365
Industrial	Pumps	Variable Speed Drive Control	Per Unit	Existing	4%	10	$	0.21	576
Instruments	Fans	Enhanced (Ultra-PE) Motor 1-15 HP,	Per Unit	Existing	1%	15	$	1.68	-
Instruments	Fans	Enhanced (Ultra-PE) Motor 125-200	Per Unit	Existing	1%	15	$	1.25	-
Instruments	Fans	Enhanced (Ultra-PE) Motor 20-40 HP,	Per Unit	Existing	0%	15	$	0.80	2
Instruments	Fans	Enhanced (Ultra-PE) Motor 250-500	Per Unit	Existing	0%	15	$	0.30	2
Instruments	Fans	Enhanced (Ultra-PE) Motor 50-100 HP,	Per Unit	Existing	1%	15	$	0.19	4
Instruments	Fans	Motor Early Retirement	Per Unit	Existing	3%	10	$	4.07	-
Instruments	Fans	Motor Rewind	Per Unit	Existing	1%	10	$	0.30	0
Instruments	Fans	Premium Fan	Per Unit	Existing	20%	10	$	0.18	12
Instruments	Fans	Synchronous Belts	Per Unit	Existing	1%	10	$	0.21	1
Instruments	Fans	Variable Speed Drive Control	Per Unit	Existing	14%	10	$	0.18	9
Instruments	HVAC	Chiller Air Cooled	Per Unit	Existing	4%	20	$	0.19	34
Instruments	HVAC	Chiller Water-Cooled	Per Unit	Existing	9%	20	$	0.19	65
Instruments	HVAC	Duct Repair And Sealing	Per Unit	Existing	3%	18	$	4.46	-
Instruments	HVAC	Heat Pump - Ground Source	Per Unit	Existing	32%	15	$	11.53	-
Instruments	HVAC	Package Terminal	Per Unit	Existing	0%	9	$	1.25	-
Instruments	HVAC	Thermostat Programmable	Per Unit	Existing	3%	15	$	0.37	56
Instruments	Lighting	Exit Sign - LED	Per Unit	Existing	2%	11	$	0.43	12
Instruments	Lighting	Exit Sign - Photoluminescent	Per Unit	Existing	0%	13	$	0.86	-
Instruments	Lighting	Lighting - CFL Packages	Per Unit	Existing	8%	2	$	0.01	97
Instruments	Lighting	Lighting - Fluorescent High	Per Unit	Existing	4%	7	$	2.10	-
Instruments	Lighting	Lighting - Fluorescent Reduced Wattage	Per Unit	Existing	9%	5	$	0.91	-
Instruments	Lighting	Lighting - High Bay Fluorescent High	Per Unit	Existing	49%	6	$	0.09	364
Instruments	Lighting	Lighting - High Intensity Discharge	Per Unit	Existing	10%	5	$	0.47	-
Instruments	Lighting	Lighting - LED Lamp Packages	Per Unit	Existing	10%	11	$	0.23	57
Instruments	Motors	Enhanced (Ultra-PE) Motor 1-15 HP,	Per Unit	Existing	1%	15	$	1.68	-
Instruments	Motors	Enhanced (Ultra-PE) Motor 125-200	Per Unit	Existing	1%	15	$	1.25	-
Instruments	Motors	Enhanced (Ultra-PE) Motor 20-40 HP,	Per Unit	Existing	0%	15	$	0.80	4
Instruments	Motors	Enhanced (Ultra-PE) Motor 250-500	Per Unit	Existing	0%	15	$	0.30	3
Instruments	Motors	Enhanced (Ultra-PE) Motor 50-100 HP,	Per Unit	Existing	1%	15	$	0.19	8
Instruments	Motors	Motor Early Retirement	Per Unit	Existing	3%	10	$	4.07	-
Instruments	Motors	Motor Management Plan	Per Unit	Existing	3%	10	$	0.07	16
Instruments	Motors	Motor Rewind	Per Unit	Existing	1%	10	$	0.30	0
Instruments	Motors	Switch from Belt drive to Direct Drive	Per Unit	Existing	8%	12	$	0.21	9
Instruments	Motors	Synchronous Belts	Per Unit	Existing	1%	10	$	0.21	2

Instruments	Motors	Variable Speed Drive Control	Per Unit	Existing	13%	10	$	0.21	15
Instruments	Other	Power Quality-Improving Appliances	Per Unit	Existing	0%	20	$	2.21	-
Instruments	Other	Transformers	Per Unit	Existing	2%	30	$	0.10	2
Instruments	Process	Air Compressor Optimization	Per Unit	Existing	21%	10	$	0.09	10
Instruments	Process	Motor Management Plan	Per Unit	Existing	3%	10	$	0.07	2
Instruments	Process	VFD Controlled Compressor	Per Unit	Existing	22%	15	$	0.50	9
Instruments	Process	Chiller - Water Piping Loop with VSD	Per Unit	Existing	9%	15	$	0.27	22
Instruments	Process	Desuperheaters	Per Unit	Existing	3%	14	$	0.60	7
Instruments	Process	Synchronous Belts	Per Unit	Existing	1%	10	$	0.21	4
Instruments	Process	VFD on Cooling Tower Fans	Per Unit	Existing	6%	15	$	0.08	15
Instruments	Pumps	Enhanced (Ultra-PE) Motor 1-15 HP,	Per Unit	Existing	1%	15	$	1.68	-
Instruments	Pumps	Enhanced (Ultra-PE) Motor 125-200	Per Unit	Existing	1%	15	$	1.25	-
Instruments	Pumps	Enhanced (Ultra-PE) Motor 20-40 HP,	Per Unit	Existing	0%	15	$	0.80	3
Instruments	Pumps	Enhanced (Ultra-PE) Motor 250-500	Per Unit	Existing	0%	15	$	0.30	3
Instruments	Pumps	Enhanced (Ultra-PE) Motor 50-100 HP,	Per Unit	Existing	1%	15	$	0.19	6
Instruments	Pumps	Motor Early Retirement	Per Unit	Existing	3%	10	$	4.07	-
Instruments	Pumps	Motor Rewind	Per Unit	Existing	1%	10	$	0.30	0
Instruments	Pumps	Pump System Optimization	Per Unit	Existing	12%	12	$	0.26	16
Instruments	Pumps	Variable Speed Drive Control	Per Unit	Existing	4%	10	$	0.21	4
Mining	Motors	Enhanced (Ultra-PE) Motor 1-15 HP,	Per Unit	Existing	1%	15	$	1.68	-
Mining	Motors	Enhanced (Ultra-PE) Motor 125-200	Per Unit	Existing	1%	15	$	1.25	-
Mining	Motors	Enhanced (Ultra-PE) Motor 20-40 HP,	Per Unit	Existing	0%	15	$	0.80	312
Mining	Motors	Enhanced (Ultra-PE) Motor 250-500	Per Unit	Existing	0%	15	$	0.30	287
Mining	Motors	Enhanced (Ultra-PE) Motor 50-100 HP,	Per Unit	Existing	1%	15	$	0.19	692
Mining	Motors	Material Handling	Per Unit	Existing	5%	10	$	0.47	2,550
Mining	Motors	Motor Early Retirement	Per Unit	Existing	3%	10	$	4.07	-
Mining	Motors	Motor Management Plan	Per Unit	Existing	3%	10	$	0.07	1,446
Mining	Motors	Motor Rewind	Per Unit	Existing	1%	10	$	0.30	33
Mining	Motors	Switch from Belt drive to Direct Drive	Per Unit	Existing	8%	12	$	0.21	777
Mining	Motors	Synchronous Belts	Per Unit	Existing	1%	10	$	0.21	226
Mining	Motors	Variable Speed Drive Control	Per Unit	Existing	13%	10	$	0.21	1,375
Mining	Pumps	Enhanced (Ultra-PE) Motor 1-15 HP,	Per Unit	Existing	1%	15	$	1.68	-
Mining	Pumps	Enhanced (Ultra-PE) Motor 125-200	Per Unit	Existing	1%	15	$	1.25	-
Mining	Pumps	Enhanced (Ultra-PE) Motor 20-40 HP,	Per Unit	Existing	0%	15	$	0.80	4
Mining	Pumps	Enhanced (Ultra-PE) Motor 250-500	Per Unit	Existing	0%	15	$	0.30	4
Mining	Pumps	Enhanced (Ultra-PE) Motor 50-100 HP,	Per Unit	Existing	1%	15	$	0.19	9
Mining	Pumps	Motor Early Retirement	Per Unit	Existing	3%	10	$	4.07	-
Mining	Pumps	Motor Rewind	Per Unit	Existing	1%	10	$	0.30	0
Mining	Pumps	Pump System Optimization	Per Unit	Existing	12%	12	$	0.26	23

Mining	Pumps	Variable Speed Drive Control	Per Unit	Existing	4%	10	$	0.21	5
Miscellaneo	Fans	Enhanced (Ultra-PE) Motor 1-15 HP,	Per Unit	Existing	1%	15	$	1.68	-
Miscellaneo	Fans	Enhanced (Ultra-PE) Motor 125-200	Per Unit	Existing	1%	15	$	1.25	-
Miscellaneo	Fans	Enhanced (Ultra-PE) Motor 20-40 HP,	Per Unit	Existing	0%	15	$	0.80	20
Miscellaneo	Fans	Enhanced (Ultra-PE) Motor 250-500	Per Unit	Existing	0%	15	$	0.30	19
Miscellaneo	Fans	Enhanced (Ultra-PE) Motor 50-100 HP,	Per Unit	Existing	1%	15	$	0.19	48
Miscellaneo	Fans	Integrated Plant Energy Management	Per Unit	Existing	50%	11	$	0.20	714
Miscellaneo	Fans	Motor Early Retirement	Per Unit	Existing	3%	10	$	4.07	-
Miscellaneo	Fans	Motor Rewind	Per Unit	Existing	1%	10	$	0.30	2
Miscellaneo	Fans	Premium Fan	Per Unit	Existing	20%	10	$	0.18	143
Miscellaneo	Fans	Synchronous Belts	Per Unit	Existing	1%	10	$	0.21	16
Miscellaneo	Fans	Variable Speed Drive Control	Per Unit	Existing	14%	10	$	0.18	105
Miscellaneo	HVAC	Chiller Air Cooled	Per Unit	Existing	4%	20	$	0.19	294
Miscellaneo	HVAC	Chiller Water-Cooled	Per Unit	Existing	9%	20	$	0.19	567
Miscellaneo	HVAC	Duct Repair And Sealing	Per Unit	Existing	3%	18	$	4.46	-
Miscellaneo	HVAC	Heat Pump - Ground Source	Per Unit	Existing	32%	15	$	11.53	-
Miscellaneo	HVAC	Package Terminal	Per Unit	Existing	0%	9	$	1.25	-
Miscellaneo	HVAC	Thermostat Programmable	Per Unit	Existing	3%	15	$	0.37	491
Miscellaneo	Lighting	Exit Sign - LED	Per Unit	Existing	2%	11	$	0.43	174
Miscellaneo	Lighting	Exit Sign - Photoluminescent	Per Unit	Existing	0%	13	$	0.86	-
Miscellaneo	Lighting	Lighting - CFL Packages	Per Unit	Existing	8%	2	$	0.01	1,382
Miscellaneo	Lighting	Lighting - Fluorescent High	Per Unit	Existing	4%	7	$	2.10	-
Miscellaneo	Lighting	Lighting - Fluorescent Reduced Wattage	Per Unit	Existing	9%	5	$	0.91	-
Miscellaneo	Lighting	Lighting - High Bay Fluorescent High	Per Unit	Existing	49%	6	$	0.09	5,205
Miscellaneo	Lighting	Lighting - High Intensity Discharge	Per Unit	Existing	10%	5	$	0.47	-
Miscellaneo	Lighting	Lighting - LED Lamp Packages	Per Unit	Existing	10%	11	$	0.23	814
Miscellaneo	Motors	Enhanced (Ultra-PE) Motor 1-15 HP,	Per Unit	Existing	1%	15	$	1.68	-
Miscellaneo	Motors	Enhanced (Ultra-PE) Motor 125-200	Per Unit	Existing	1%	15	$	1.25	-
Miscellaneo	Motors	Enhanced (Ultra-PE) Motor 20-40 HP,	Per Unit	Existing	0%	15	$	0.80	85
Miscellaneo	Motors	Enhanced (Ultra-PE) Motor 250-500	Per Unit	Existing	0%	15	$	0.30	78
Miscellaneo	Motors	Enhanced (Ultra-PE) Motor 50-100 HP,	Per Unit	Existing	1%	15	$	0.19	188
Miscellaneo	Motors	Material Handling	Per Unit	Existing	5%	10	$	0.47	701
Miscellaneo	Motors	Motor Early Retirement	Per Unit	Existing	3%	10	$	4.07	-
Miscellaneo	Motors	Motor Management Plan	Per Unit	Existing	3%	10	$	0.07	394
Miscellaneo	Motors	Motor Rewind	Per Unit	Existing	1%	10	$	0.30	9
Miscellaneo	Motors	Switch from Belt drive to Direct Drive	Per Unit	Existing	8%	12	$	0.21	212
Miscellaneo	Motors	Synchronous Belts	Per Unit	Existing	1%	10	$	0.21	62
Miscellaneo	Motors	Variable Speed Drive Control	Per Unit	Existing	13%	10	$	0.21	382
Miscellaneo	Other	Power Quality-Improving Appliances	Per Unit	Existing	0%	20	$	2.21	-

Miscellaneo	Other	Transformers	Per Unit	Existing	2%	30	$	0.10	11
Miscellaneo	Process	Air Compressor Optimization	Per Unit	Existing	21%	10	$	0.09	468
Miscellaneo	Process	Integrated Plant Energy Management	Per Unit	Existing	50%	11	$	0.20	593
Miscellaneo	Process	Motor Management Plan	Per Unit	Existing	3%	10	$	0.07	85
Miscellaneo	Process	VFD Controlled Compressor	Per Unit	Existing	22%	15	$	0.50	439
Miscellaneo	Process	Cleaners: Professional Wet Cleaning	Per Unit	Existing	29%	15	$	7.61	-
Miscellaneo	Process	Chiller - Water Piping Loop with VSD	Per Unit	Existing	9%	15	$	0.27	337
Miscellaneo	Process	Desuperheaters	Per Unit	Existing	3%	14	$	0.60	35
Miscellaneo	Process	Synchronous Belts	Per Unit	Existing	1%	10	$	0.21	18
Miscellaneo	Process	VFD on Cooling Tower Fans	Per Unit	Existing	6%	15	$	0.08	74
Miscellaneo	Pumps	Enhanced (Ultra-PE) Motor 1-15 HP,	Per Unit	Existing	1%	15	$	1.68	-
Miscellaneo	Pumps	Enhanced (Ultra-PE) Motor 125-200	Per Unit	Existing	1%	15	$	1.25	-
Miscellaneo	Pumps	Enhanced (Ultra-PE) Motor 20-40 HP,	Per Unit	Existing	0%	15	$	0.80	11
Miscellaneo	Pumps	Enhanced (Ultra-PE) Motor 250-500	Per Unit	Existing	0%	15	$	0.30	11
Miscellaneo	Pumps	Enhanced (Ultra-PE) Motor 50-100 HP,	Per Unit	Existing	1%	15	$	0.19	27
Miscellaneo	Pumps	Integrated Plant Energy Management	Per Unit	Existing	50%	11	$	0.20	421
Miscellaneo	Pumps	Motor Early Retirement	Per Unit	Existing	3%	10	$	4.07	-
Miscellaneo	Pumps	Motor Rewind	Per Unit	Existing	1%	10	$	0.30	1
Miscellaneo	Pumps	Pump System Optimization	Per Unit	Existing	12%	12	$	0.26	64
Miscellaneo	Pumps	Variable Speed Drive Control	Per Unit	Existing	4%	10	$	0.21	16
Nonmetallic	Fans	Enhanced (Ultra-PE) Motor 1-15 HP,	Per Unit	Existing	1%	15	$	1.68	-
Nonmetallic	Fans	Enhanced (Ultra-PE) Motor 125-200	Per Unit	Existing	1%	15	$	1.25	-
Nonmetallic	Fans	Enhanced (Ultra-PE) Motor 20-40 HP,	Per Unit	Existing	0%	15	$	0.80	113
Nonmetallic	Fans	Enhanced (Ultra-PE) Motor 250-500	Per Unit	Existing	0%	15	$	0.30	112
Nonmetallic	Fans	Enhanced (Ultra-PE) Motor 50-100 HP,	Per Unit	Existing	1%	15	$	0.19	274
Nonmetallic	Fans	Integrated Plant Energy Management	Per Unit	Existing	50%	11	$	0.20	4,099
Nonmetallic	Fans	Motor Early Retirement	Per Unit	Existing	3%	10	$	4.07	-
Nonmetallic	Fans	Motor Rewind	Per Unit	Existing	1%	10	$	0.30	13
Nonmetallic	Fans	Premium Fan	Per Unit	Existing	20%	10	$	0.18	819
Nonmetallic	Fans	Synchronous Belts	Per Unit	Existing	1%	10	$	0.21	89
Nonmetallic	Fans	Variable Speed Drive Control	Per Unit	Existing	14%	10	$	0.18	604
Nonmetallic	HVAC	Chiller Air Cooled	Per Unit	Existing	4%	20	$	0.19	284
Nonmetallic	HVAC	Chiller Water-Cooled	Per Unit	Existing	9%	20	$	0.19	547
Nonmetallic	HVAC	Duct Repair And Sealing	Per Unit	Existing	3%	18	$	4.46	-
Nonmetallic	HVAC	Heat Pump - Ground Source	Per Unit	Existing	32%	15	$	11.53	-
Nonmetallic	HVAC	Package Terminal	Per Unit	Existing	0%	9	$	1.25	-
Nonmetallic	HVAC	Thermostat Programmable	Per Unit	Existing	3%	15	$	0.37	474
Nonmetallic	Lighting	Exit Sign - LED	Per Unit	Existing	2%	11	$	0.43	203
Nonmetallic	Lighting	Exit Sign - Photoluminescent	Per Unit	Existing	0%	13	$	0.86	-

Nonmetallic	Lighting	Lighting - CFL Packages	Per Unit	Existing	8%	2	$	0.01	1,613
Nonmetallic	Lighting	Lighting - Fluorescent High	Per Unit	Existing	4%	7	$	2.10	-
Nonmetallic	Lighting	Lighting - Fluorescent Reduced Wattage	Per Unit	Existing	9%	5	$	0.91	-
Nonmetallic	Lighting	Lighting - High Bay Fluorescent High	Per Unit	Existing	49%	6	$	0.09	6,076
Nonmetallic	Lighting	Lighting - High Intensity Discharge	Per Unit	Existing	10%	5	$	0.47	-
Nonmetallic	Lighting	Lighting - LED Lamp Packages	Per Unit	Existing	10%	11	$	0.23	950
Nonmetallic	Motors	Enhanced (Ultra-PE) Motor 1-15 HP,	Per Unit	Existing	1%	15	$	1.68	-
Nonmetallic	Motors	Enhanced (Ultra-PE) Motor 125-200	Per Unit	Existing	1%	15	$	1.25	-
Nonmetallic	Motors	Enhanced (Ultra-PE) Motor 20-40 HP,	Per Unit	Existing	0%	15	$	0.80	345
Nonmetallic	Motors	Enhanced (Ultra-PE) Motor 250-500	Per Unit	Existing	0%	15	$	0.30	317
Nonmetallic	Motors	Enhanced (Ultra-PE) Motor 50-100 HP,	Per Unit	Existing	1%	15	$	0.19	764
Nonmetallic	Motors	Material Handling	Per Unit	Existing	5%	10	$	0.47	2,815
Nonmetallic	Motors	Motor Early Retirement	Per Unit	Existing	3%	10	$	4.07	-
Nonmetallic	Motors	Motor Management Plan	Per Unit	Existing	3%	10	$	0.07	1,597
Nonmetallic	Motors	Motor Rewind	Per Unit	Existing	1%	10	$	0.30	37
Nonmetallic	Motors	Switch from Belt drive to Direct Drive	Per Unit	Existing	8%	12	$	0.21	859
Nonmetallic	Motors	Synchronous Belts	Per Unit	Existing	1%	10	$	0.21	250
Nonmetallic	Motors	Variable Speed Drive Control	Per Unit	Existing	13%	10	$	0.21	1,548
Nonmetallic	Other	Power Quality-Improving Appliances	Per Unit	Existing	0%	20	$	2.21	-
Nonmetallic	Other	Transformers	Per Unit	Existing	2%	30	$	0.10	22
Nonmetallic	Process	Air Compressor Optimization	Per Unit	Existing	21%	10	$	0.09	3,317
Nonmetallic	Process	Integrated Plant Energy Management	Per Unit	Existing	50%	11	$	0.20	4,197
Nonmetallic	Process	Motor Management Plan	Per Unit	Existing	3%	10	$	0.07	605
Nonmetallic	Process	VFD Controlled Compressor	Per Unit	Existing	22%	15	$	0.50	3,109
Nonmetallic	Process	Chiller - Water Piping Loop with VSD	Per Unit	Existing	9%	15	$	0.27	755
Nonmetallic	Process	Desuperheaters	Per Unit	Existing	3%	14	$	0.60	427
Nonmetallic	Process	Synchronous Belts	Per Unit	Existing	1%	10	$	0.21	75
Nonmetallic	Process	VFD on Cooling Tower Fans	Per Unit	Existing	6%	15	$	0.08	915
Nonmetallic	Pumps	Enhanced (Ultra-PE) Motor 1-15 HP,	Per Unit	Existing	1%	15	$	1.68	-
Nonmetallic	Pumps	Enhanced (Ultra-PE) Motor 125-200	Per Unit	Existing	1%	15	$	1.25	-
Nonmetallic	Pumps	Enhanced (Ultra-PE) Motor 20-40 HP,	Per Unit	Existing	0%	15	$	0.80	209
Nonmetallic	Pumps	Enhanced (Ultra-PE) Motor 250-500	Per Unit	Existing	0%	15	$	0.30	208
Nonmetallic	Pumps	Enhanced (Ultra-PE) Motor 50-100 HP,	Per Unit	Existing	1%	15	$	0.19	490
Nonmetallic	Pumps	Integrated Plant Energy Management	Per Unit	Existing	50%	11	$	0.20	7,690
Nonmetallic	Pumps	Motor Early Retirement	Per Unit	Existing	3%	10	$	4.07	-
Nonmetallic	Pumps	Motor Rewind	Per Unit	Existing	1%	10	$	0.30	24
Nonmetallic	Pumps	Pump System Optimization	Per Unit	Existing	12%	12	$	0.26	1,166
Nonmetallic	Pumps	Variable Speed Drive Control	Per Unit	Existing	4%	10	$	0.21	284
Paper Mfg	Fans	Enhanced (Ultra-PE) Motor 1-15 HP,	Per Unit	Existing	1%	15	$	1.68	-

Paper Mfg	Fans	Enhanced (Ultra-PE) Motor 125-200	Per Unit	Existing	1%	15	$	1.25	-
Paper Mfg	Fans	Enhanced (Ultra-PE) Motor 20-40 HP,	Per Unit	Existing	0%	15	$	0.80	109
Paper Mfg	Fans	Enhanced (Ultra-PE) Motor 250-500	Per Unit	Existing	0%	15	$	0.30	108
Paper Mfg	Fans	Enhanced (Ultra-PE) Motor 50-100 HP,	Per Unit	Existing	1%	15	$	0.19	272
Paper Mfg	Fans	Integrated Plant Energy Management	Per Unit	Existing	50%	11	$	0.20	3,938
Paper Mfg	Fans	Motor Early Retirement	Per Unit	Existing	3%	10	$	4.07	-
Paper Mfg	Fans	Motor Rewind	Per Unit	Existing	1%	10	$	0.30	26
Paper Mfg	Fans	Premium Fan	Per Unit	Existing	20%	10	$	0.18	1,940
Paper Mfg	Fans	Synchronous Belts	Per Unit	Existing	1%	10	$	0.21	86
Paper Mfg	Fans	Variable Speed Drive Control	Per Unit	Existing	14%	10	$	0.18	601
Paper Mfg	HVAC	Chiller Air Cooled	Per Unit	Existing	4%	20	$	0.19	107
Paper Mfg	HVAC	Chiller Water-Cooled	Per Unit	Existing	9%	20	$	0.19	211
Paper Mfg	HVAC	Duct Repair And Sealing	Per Unit	Existing	3%	18	$	4.46	-
Paper Mfg	HVAC	Heat Pump - Ground Source	Per Unit	Existing	32%	15	$	11.53	-
Paper Mfg	HVAC	Package Terminal	Per Unit	Existing	0%	9	$	1.25	-
Paper Mfg	HVAC	Thermostat Programmable	Per Unit	Existing	3%	15	$	0.37	181
Paper Mfg	Lighting	Exit Sign - LED	Per Unit	Existing	2%	11	$	0.43	86
Paper Mfg	Lighting	Exit Sign - Photoluminescent	Per Unit	Existing	0%	13	$	0.86	-
Paper Mfg	Lighting	Lighting - CFL Packages	Per Unit	Existing	8%	2	$	0.01	682
Paper Mfg	Lighting	Lighting - Fluorescent High	Per Unit	Existing	4%	7	$	2.10	-
Paper Mfg	Lighting	Lighting - Fluorescent Reduced Wattage	Per Unit	Existing	9%	5	$	0.91	-
Paper Mfg	Lighting	Lighting - High Bay Fluorescent High	Per Unit	Existing	49%	6	$	0.09	2,569
Paper Mfg	Lighting	Lighting - High Intensity Discharge	Per Unit	Existing	10%	5	$	0.47	-
Paper Mfg	Lighting	Lighting - LED Lamp Packages	Per Unit	Existing	10%	11	$	0.23	402
Paper Mfg	Motors	Enhanced (Ultra-PE) Motor 1-15 HP,	Per Unit	Existing	1%	15	$	1.68	-
Paper Mfg	Motors	Enhanced (Ultra-PE) Motor 125-200	Per Unit	Existing	1%	15	$	1.25	-
Paper Mfg	Motors	Enhanced (Ultra-PE) Motor 20-40 HP,	Per Unit	Existing	0%	15	$	0.80	246
Paper Mfg	Motors	Enhanced (Ultra-PE) Motor 250-500	Per Unit	Existing	0%	15	$	0.30	220
Paper Mfg	Motors	Enhanced (Ultra-PE) Motor 50-100 HP,	Per Unit	Existing	1%	15	$	0.19	531
Paper Mfg	Motors	Material Handling	Per Unit	Existing	13%	10	$	0.64	-
Paper Mfg	Motors	Motor Early Retirement	Per Unit	Existing	3%	10	$	4.07	-
Paper Mfg	Motors	Motor Management Plan	Per Unit	Existing	3%	10	$	0.07	1,110
Paper Mfg	Motors	Motor Rewind	Per Unit	Existing	1%	10	$	0.30	54
Paper Mfg	Motors	Switch from Belt drive to Direct Drive	Per Unit	Existing	8%	12	$	0.21	597
Paper Mfg	Motors	Synchronous Belts	Per Unit	Existing	1%	10	$	0.21	174
Paper Mfg	Motors	Variable Speed Drive Control	Per Unit	Existing	13%	10	$	0.21	1,071
Paper Mfg	Other	Power Quality-Improving Appliances	Per Unit	Existing	0%	20	$	2.21	-
Paper Mfg	Other	Transformers	Per Unit	Existing	2%	30	$	0.10	8
Paper Mfg	Process	Air Compressor Optimization	Per Unit	Existing	21%	10	$	0.09	659

Paper Mfg	Process	Integrated Plant Energy Management	Per Unit	Existing	50%	11	$	0.20	839
Paper Mfg	Process	Motor Management Plan	Per Unit	Existing	3%	10	$	0.07	120
Paper Mfg	Process	VFD Controlled Compressor	Per Unit	Existing	22%	15	$	0.50	618
Paper Mfg	Process	Efficient Agitator	Per Unit	Existing	50%	10	$	0.08	199
Paper Mfg	Process	Effluent Treatment System	Per Unit	Existing	15%	10	$	0.07	40
Paper Mfg	Process	Mech Pulp: Premium Process	Per Unit	Existing	0%	5	$	0.11	1
Paper Mfg	Process	Mech Pulp: Refiner Plate Improvement	Per Unit	Existing	0%	1	$	0.04	4
Paper Mfg	Process	Mech Pulp: Refiner Replacement	Per Unit	Existing	10%	12	$	0.59	66
Paper Mfg	Process	Paper: Efficient Pulp Screen	Per Unit	Existing	15%	10	$	0.18	56
Paper Mfg	Process	Chiller - Water Piping Loop with VSD	Per Unit	Existing	9%	15	$	0.27	590
Paper Mfg	Process	Desuperheaters	Per Unit	Existing	3%	14	$	0.60	101
Paper Mfg	Process	Synchronous Belts	Per Unit	Existing	1%	10	$	0.21	32
Paper Mfg	Process	VFD on Cooling Tower Fans	Per Unit	Existing	6%	15	$	0.08	218
Paper Mfg	Pumps	Enhanced (Ultra-PE) Motor 1-15 HP,	Per Unit	Existing	1%	15	$	1.68	-
Paper Mfg	Pumps	Enhanced (Ultra-PE) Motor 125-200	Per Unit	Existing	1%	15	$	1.25	-
Paper Mfg	Pumps	Enhanced (Ultra-PE) Motor 20-40 HP,	Per Unit	Existing	0%	15	$	0.80	188
Paper Mfg	Pumps	Enhanced (Ultra-PE) Motor 250-500	Per Unit	Existing	0%	15	$	0.30	186
Paper Mfg	Pumps	Enhanced (Ultra-PE) Motor 50-100 HP,	Per Unit	Existing	1%	15	$	0.19	440
Paper Mfg	Pumps	Integrated Plant Energy Management	Per Unit	Existing	50%	11	$	0.20	6,673
Paper Mfg	Pumps	Motor Early Retirement	Per Unit	Existing	3%	10	$	4.07	-
Paper Mfg	Pumps	Motor Rewind	Per Unit	Existing	1%	10	$	0.30	44
Paper Mfg	Pumps	Pump System Optimization	Per Unit	Existing	12%	12	$	0.26	1,046
Paper Mfg	Pumps	Variable Speed Drive Control	Per Unit	Existing	4%	10	$	0.21	247
Plastics	Fans	Enhanced (Ultra-PE) Motor 1-15 HP,	Per Unit	Existing	1%	15	$	1.68	-
Plastics	Fans	Enhanced (Ultra-PE) Motor 125-200	Per Unit	Existing	1%	15	$	1.25	-
Plastics	Fans	Enhanced (Ultra-PE) Motor 20-40 HP,	Per Unit	Existing	0%	15	$	0.80	102
Plastics	Fans	Enhanced (Ultra-PE) Motor 250-500	Per Unit	Existing	0%	15	$	0.30	90
Plastics	Fans	Enhanced (Ultra-PE) Motor 50-100 HP,	Per Unit	Existing	1%	15	$	0.19	220
Plastics	Fans	Motor Early Retirement	Per Unit	Existing	3%	10	$	4.07	-
Plastics	Fans	Motor Rewind	Per Unit	Existing	1%	10	$	0.30	10
Plastics	Fans	Premium Fan	Per Unit	Existing	20%	10	$	0.18	658
Plastics	Fans	Synchronous Belts	Per Unit	Existing	1%	10	$	0.21	72
Plastics	Fans	Variable Speed Drive Control	Per Unit	Existing	14%	10	$	0.18	486
Plastics	HVAC	Chiller Air Cooled	Per Unit	Existing	4%	20	$	0.19	430
Plastics	HVAC	Chiller Water-Cooled	Per Unit	Existing	9%	20	$	0.19	828
Plastics	HVAC	Duct Repair And Sealing	Per Unit	Existing	3%	18	$	4.46	-
Plastics	HVAC	Heat Pump - Ground Source	Per Unit	Existing	32%	15	$	11.53	-
Plastics	HVAC	Package Terminal	Per Unit	Existing	0%	9	$	1.25	-
Plastics	HVAC	Thermostat Programmable	Per Unit	Existing	3%	15	$	0.37	717

Plastics	Lighting	Exit Sign - LED	Per Unit	Existing	2%	11	$	0.43	300
Plastics	Lighting	Exit Sign - Photoluminescent	Per Unit	Existing	0%	13	$	0.86	-
Plastics	Lighting	Lighting - CFL Packages	Per Unit	Existing	8%	2	$	0.01	2,380
Plastics	Lighting	Lighting - Fluorescent High	Per Unit	Existing	4%	7	$	2.10	-
Plastics	Lighting	Lighting - Fluorescent Reduced Wattage	Per Unit	Existing	9%	5	$	0.91	-
Plastics	Lighting	Lighting - High Bay Fluorescent High	Per Unit	Existing	49%	6	$	0.09	8,965
Plastics	Lighting	Lighting - High Intensity Discharge	Per Unit	Existing	10%	5	$	0.47	-
Plastics	Lighting	Lighting - LED Lamp Packages	Per Unit	Existing	10%	11	$	0.23	1,402
Plastics	Motors	Enhanced (Ultra-PE) Motor 1-15 HP,	Per Unit	Existing	1%	15	$	1.68	-
Plastics	Motors	Enhanced (Ultra-PE) Motor 125-200	Per Unit	Existing	1%	15	$	1.25	-
Plastics	Motors	Enhanced (Ultra-PE) Motor 20-40 HP,	Per Unit	Existing	0%	15	$	0.80	287
Plastics	Motors	Enhanced (Ultra-PE) Motor 250-500	Per Unit	Existing	0%	15	$	0.30	256
Plastics	Motors	Enhanced (Ultra-PE) Motor 50-100 HP,	Per Unit	Existing	1%	15	$	0.19	619
Plastics	Motors	Motor Early Retirement	Per Unit	Existing	3%	10	$	4.07	-
Plastics	Motors	Motor Management Plan	Per Unit	Existing	3%	10	$	0.07	1,283
Plastics	Motors	Motor Rewind	Per Unit	Existing	1%	10	$	0.30	29
Plastics	Motors	Switch from Belt drive to Direct Drive	Per Unit	Existing	8%	12	$	0.21	701
Plastics	Motors	Synchronous Belts	Per Unit	Existing	1%	10	$	0.21	201
Plastics	Motors	Variable Speed Drive Control	Per Unit	Existing	13%	10	$	0.21	1,244
Plastics	Other	Power Quality-Improving Appliances	Per Unit	Existing	0%	20	$	2.21	-
Plastics	Other	Transformers	Per Unit	Existing	2%	30	$	0.10	24
Plastics	Process	Air Compressor Optimization	Per Unit	Existing	21%	10	$	0.09	2,665
Plastics	Process	Motor Management Plan	Per Unit	Existing	3%	10	$	0.07	484
Plastics	Process	VFD Controlled Compressor	Per Unit	Existing	22%	15	$	0.50	2,498
Plastics	Process	Chiller - Water Piping Loop with VSD	Per Unit	Existing	9%	15	$	0.27	2,300
Plastics	Process	Desuperheaters	Per Unit	Existing	3%	14	$	0.60	709
Plastics	Process	Synchronous Belts	Per Unit	Existing	1%	10	$	0.21	124
Plastics	Process	VFD on Cooling Tower Fans	Per Unit	Existing	6%	15	$	0.08	1,548
Plastics	Pumps	Enhanced (Ultra-PE) Motor 1-15 HP,	Per Unit	Existing	1%	15	$	1.68	-
Plastics	Pumps	Enhanced (Ultra-PE) Motor 125-200	Per Unit	Existing	1%	15	$	1.25	-
Plastics	Pumps	Enhanced (Ultra-PE) Motor 20-40 HP,	Per Unit	Existing	0%	15	$	0.80	187
Plastics	Pumps	Enhanced (Ultra-PE) Motor 250-500	Per Unit	Existing	0%	15	$	0.30	165
Plastics	Pumps	Enhanced (Ultra-PE) Motor 50-100 HP,	Per Unit	Existing	1%	15	$	0.19	390
Plastics	Pumps	Motor Early Retirement	Per Unit	Existing	3%	10	$	4.07	-
Plastics	Pumps	Motor Rewind	Per Unit	Existing	1%	10	$	0.30	19
Plastics	Pumps	Pump System Optimization	Per Unit	Existing	12%	12	$	0.26	1,053
Plastics	Pumps	Variable Speed Drive Control	Per Unit	Existing	4%	10	$	0.21	228
Primary	Fans	Enhanced (Ultra-PE) Motor 1-15 HP,	Per Unit	Existing	1%	15	$	1.68	-
Primary	Fans	Enhanced (Ultra-PE) Motor 125-200	Per Unit	Existing	1%	15	$	1.25	-

Primary	Fans	Enhanced (Ultra-PE) Motor 20-40 HP,	Per Unit	Existing	0%	15	$	0.80	463
Primary	Fans	Enhanced (Ultra-PE) Motor 250-500	Per Unit	Existing	0%	15	$	0.30	459
Primary	Fans	Enhanced (Ultra-PE) Motor 50-100 HP,	Per Unit	Existing	1%	15	$	0.19	1,122
Primary	Fans	Integrated Plant Energy Management	Per Unit	Existing	50%	11	$	0.20	17,494
Primary	Fans	Motor Early Retirement	Per Unit	Existing	3%	10	$	4.07	-
Primary	Fans	Motor Rewind	Per Unit	Existing	1%	10	$	0.30	99
Primary	Fans	Premium Fan	Per Unit	Existing	20%	10	$	0.18	3,360
Primary	Fans	Synchronous Belts	Per Unit	Existing	1%	10	$	0.21	367
Primary	Fans	Variable Speed Drive Control	Per Unit	Existing	14%	10	$	0.18	2,478
Primary	HVAC	Chiller Air Cooled	Per Unit	Existing	4%	20	$	0.19	1,113
Primary	HVAC	Chiller Water-Cooled	Per Unit	Existing	9%	20	$	0.19	2,146
Primary	HVAC	Duct Repair And Sealing	Per Unit	Existing	3%	18	$	4.46	-
Primary	HVAC	Heat Pump - Ground Source	Per Unit	Existing	32%	15	$	11.53	-
Primary	HVAC	Package Terminal	Per Unit	Existing	0%	9	$	1.25	-
Primary	HVAC	Thermostat Programmable	Per Unit	Existing	3%	15	$	0.37	1,858
Primary	Lighting	Exit Sign - LED	Per Unit	Existing	2%	11	$	0.43	953
Primary	Lighting	Exit Sign - Photoluminescent	Per Unit	Existing	0%	13	$	0.86	-
Primary	Lighting	Lighting - CFL Packages	Per Unit	Existing	8%	2	$	0.01	7,560
Primary	Lighting	Lighting - Fluorescent High	Per Unit	Existing	4%	7	$	2.10	-
Primary	Lighting	Lighting - Fluorescent Reduced Wattage	Per Unit	Existing	9%	5	$	0.91	-
Primary	Lighting	Lighting - High Bay Fluorescent High	Per Unit	Existing	49%	6	$	0.09	28,479
Primary	Lighting	Lighting - High Intensity Discharge	Per Unit	Existing	10%	5	$	0.47	-
Primary	Lighting	Lighting - LED Lamp Packages	Per Unit	Existing	10%	11	$	0.23	4,453
Primary	Motors	Enhanced (Ultra-PE) Motor 1-15 HP,	Per Unit	Existing	1%	15	$	1.68	-
Primary	Motors	Enhanced (Ultra-PE) Motor 125-200	Per Unit	Existing	1%	15	$	1.25	-
Primary	Motors	Enhanced (Ultra-PE) Motor 20-40 HP,	Per Unit	Existing	0%	15	$	0.80	2,057
Primary	Motors	Enhanced (Ultra-PE) Motor 250-500	Per Unit	Existing	0%	15	$	0.30	1,888
Primary	Motors	Enhanced (Ultra-PE) Motor 50-100 HP,	Per Unit	Existing	1%	15	$	0.19	4,556
Primary	Motors	Material Handling	Per Unit	Existing	5%	10	$	0.47	16,795
Primary	Motors	Motor Early Retirement	Per Unit	Existing	3%	10	$	4.07	-
Primary	Motors	Motor Management Plan	Per Unit	Existing	3%	10	$	0.07	9,522
Primary	Motors	Motor Rewind	Per Unit	Existing	1%	10	$	0.30	400
Primary	Motors	Switch from Belt drive to Direct Drive	Per Unit	Existing	8%	12	$	0.21	5,121
Primary	Motors	Synchronous Belts	Per Unit	Existing	1%	10	$	0.21	1,491
Primary	Motors	Variable Speed Drive Control	Per Unit	Existing	13%	10	$	0.21	8,979
Primary	Other	Power Quality-Improving Appliances	Per Unit	Existing	0%	20	$	2.21	-
Primary	Other	Transformers	Per Unit	Existing	2%	30	$	0.10	64
Primary	Process	Air Compressor Optimization	Per Unit	Existing	21%	10	$	0.09	11,140
Primary	Process	Integrated Plant Energy Management	Per Unit	Existing	50%	11	$	0.20	14,560

Primary	Process	Motor Management Plan	Per Unit	Existing	3%	10	$	0.07	2,037
Primary	Process	VFD Controlled Compressor	Per Unit	Existing	22%	15	$	0.50	10,468
Primary	Process	New Arc Furnace	Per Unit	Existing	45%	10	$	0.09	48,853
Primary	Process	Chiller - Water Piping Loop with VSD	Per Unit	Existing	9%	15	$	0.27	328
Primary	Process	Desuperheaters	Per Unit	Existing	3%	14	$	0.60	471
Primary	Process	Synchronous Belts	Per Unit	Existing	1%	10	$	0.21	82
Primary	Process	VFD on Cooling Tower Fans	Per Unit	Existing	6%	15	$	0.08	994
Primary	Pumps	Enhanced (Ultra-PE) Motor 1-15 HP,	Per Unit	Existing	1%	15	$	1.68	-
Primary	Pumps	Enhanced (Ultra-PE) Motor 125-200	Per Unit	Existing	1%	15	$	1.25	-
Primary	Pumps	Enhanced (Ultra-PE) Motor 20-40 HP,	Per Unit	Existing	0%	15	$	0.80	268
Primary	Pumps	Enhanced (Ultra-PE) Motor 250-500	Per Unit	Existing	0%	15	$	0.30	266
Primary	Pumps	Enhanced (Ultra-PE) Motor 50-100 HP,	Per Unit	Existing	1%	15	$	0.19	627
Primary	Pumps	Integrated Plant Energy Management	Per Unit	Existing	50%	11	$	0.20	10,296
Primary	Pumps	Motor Early Retirement	Per Unit	Existing	3%	10	$	4.07	-
Primary	Pumps	Motor Rewind	Per Unit	Existing	1%	10	$	0.30	59
Primary	Pumps	Pump System Optimization	Per Unit	Existing	12%	12	$	0.26	1,492
Primary	Pumps	Variable Speed Drive Control	Per Unit	Existing	4%	10	$	0.21	366
Printing	Fans	Enhanced (Ultra-PE) Motor 1-15 HP,	Per Unit	Existing	1%	15	$	1.68	-
Printing	Fans	Enhanced (Ultra-PE) Motor 125-200	Per Unit	Existing	1%	15	$	1.25	-
Printing	Fans	Enhanced (Ultra-PE) Motor 20-40 HP,	Per Unit	Existing	0%	15	$	0.80	88
Printing	Fans	Enhanced (Ultra-PE) Motor 250-500	Per Unit	Existing	0%	15	$	0.30	78
Printing	Fans	Enhanced (Ultra-PE) Motor 50-100 HP,	Per Unit	Existing	1%	15	$	0.19	190
Printing	Fans	Motor Early Retirement	Per Unit	Existing	3%	10	$	4.07	-
Printing	Fans	Motor Rewind	Per Unit	Existing	1%	10	$	0.30	9
Printing	Fans	Premium Fan	Per Unit	Existing	20%	10	$	0.18	569
Printing	Fans	Synchronous Belts	Per Unit	Existing	1%	10	$	0.21	62
Printing	Fans	Variable Speed Drive Control	Per Unit	Existing	14%	10	$	0.18	420
Printing	HVAC	Chiller Air Cooled	Per Unit	Existing	4%	20	$	0.19	629
Printing	HVAC	Chiller Water-Cooled	Per Unit	Existing	9%	20	$	0.19	1,212
Printing	HVAC	Duct Repair And Sealing	Per Unit	Existing	3%	18	$	4.46	-
Printing	HVAC	Heat Pump - Ground Source	Per Unit	Existing	32%	15	$	11.53	-
Printing	HVAC	Package Terminal	Per Unit	Existing	0%	9	$	1.25	-
Printing	HVAC	Thermostat Programmable	Per Unit	Existing	3%	15	$	0.37	1,049
Printing	Lighting	Exit Sign - LED	Per Unit	Existing	2%	11	$	0.43	355
Printing	Lighting	Exit Sign - Photoluminescent	Per Unit	Existing	0%	13	$	0.86	-
Printing	Lighting	Lighting - CFL Packages	Per Unit	Existing	8%	2	$	0.01	2,815
Printing	Lighting	Lighting - Fluorescent High	Per Unit	Existing	4%	7	$	2.10	-
Printing	Lighting	Lighting - Fluorescent Reduced Wattage	Per Unit	Existing	9%	5	$	0.91	-
Printing	Lighting	Lighting - High Bay Fluorescent High	Per Unit	Existing	49%	6	$	0.09	10,603

Printing	Lighting	Lighting - High Intensity Discharge	Per Unit	Existing	10%	5	$	0.47	-
Printing	Lighting	Lighting - LED Lamp Packages	Per Unit	Existing	10%	11	$	0.23	1,658
Printing	Motors	Enhanced (Ultra-PE) Motor 1-15 HP,	Per Unit	Existing	1%	15	$	1.68	-
Printing	Motors	Enhanced (Ultra-PE) Motor 125-200	Per Unit	Existing	1%	15	$	1.25	-
Printing	Motors	Enhanced (Ultra-PE) Motor 20-40 HP,	Per Unit	Existing	0%	15	$	0.80	246
Printing	Motors	Enhanced (Ultra-PE) Motor 250-500	Per Unit	Existing	0%	15	$	0.30	220
Printing	Motors	Enhanced (Ultra-PE) Motor 50-100 HP,	Per Unit	Existing	1%	15	$	0.19	531
Printing	Motors	Motor Early Retirement	Per Unit	Existing	3%	10	$	4.07	-
Printing	Motors	Motor Management Plan	Per Unit	Existing	3%	10	$	0.07	1,110
Printing	Motors	Motor Rewind	Per Unit	Existing	1%	10	$	0.30	25
Printing	Motors	Switch from Belt drive to Direct Drive	Per Unit	Existing	8%	12	$	0.21	598
Printing	Motors	Synchronous Belts	Per Unit	Existing	1%	10	$	0.21	174
Printing	Motors	Variable Speed Drive Control	Per Unit	Existing	13%	10	$	0.21	1,077
Printing	Other	Power Quality-Improving Appliances	Per Unit	Existing	0%	20	$	2.21	-
Printing	Other	Transformers	Per Unit	Existing	2%	30	$	0.10	34
Printing	Process	Air Compressor Optimization	Per Unit	Existing	21%	10	$	0.09	2,306
Printing	Process	Motor Management Plan	Per Unit	Existing	3%	10	$	0.07	421
Printing	Process	VFD Controlled Compressor	Per Unit	Existing	22%	15	$	0.50	2,162
Printing	Process	Chiller - Water Piping Loop with VSD	Per Unit	Existing	9%	15	$	0.27	832
Printing	Process	Desuperheaters	Per Unit	Existing	3%	14	$	0.60	105
Printing	Process	VFD on Cooling Tower Fans	Per Unit	Existing	6%	15	$	0.08	219
Printing	Pumps	Enhanced (Ultra-PE) Motor 1-15 HP,	Per Unit	Existing	1%	15	$	1.68	-
Printing	Pumps	Enhanced (Ultra-PE) Motor 125-200	Per Unit	Existing	1%	15	$	1.25	-
Printing	Pumps	Enhanced (Ultra-PE) Motor 20-40 HP,	Per Unit	Existing	0%	15	$	0.80	163
Printing	Pumps	Enhanced (Ultra-PE) Motor 250-500	Per Unit	Existing	0%	15	$	0.30	144
Printing	Pumps	Enhanced (Ultra-PE) Motor 50-100 HP,	Per Unit	Existing	1%	15	$	0.19	341
Printing	Pumps	Motor Early Retirement	Per Unit	Existing	3%	10	$	4.07	-
Printing	Pumps	Motor Rewind	Per Unit	Existing	1%	10	$	0.30	17
Printing	Pumps	Pump System Optimization	Per Unit	Existing	12%	12	$	0.26	911
Printing	Pumps	Variable Speed Drive Control	Per Unit	Existing	4%	10	$	0.21	197
Street	Lighting	LED Traffic Light - Amber (20 Watts)	Per Unit	Existing	0%	8	$	6.34	-
Street	Lighting	LED Traffic Light - Don’t Walk 12"	Per Unit	Existing	29%	8	$	0.11	18,385
Street	Lighting	LED Traffic Light - Don’t Walk 8"	Per Unit	Existing	13%	8	$	0.23	5,361
Street	Lighting	LED Traffic Light - Green 10" or 12"	Per Unit	Existing	12%	8	$	0.23	5,563
Street	Lighting	LED Traffic Light - Green 8"	Per Unit	Existing	5%	8	$	0.52	-
Street	Lighting	LED Traffic Light - Green Arrow	Per Unit	Existing	2%	8	$	1.56	-
Street	Lighting	LED Traffic Light - Red 10" or 12"	Per Unit	Existing	16%	8	$	0.08	11,654
Street	Lighting	LED Traffic Light - Red 8"	Per Unit	Existing	7%	8	$	0.18	3,626
Street	Lighting	LED Traffic Light - Red Arrow (7 Watts)	Per Unit	Existing	7%	8	$	0.18	3,376

Street	Lighting	Streetlight - HPS 100W to LED 62W	Per Unit	Existing	9%	8	$	1.17	-
Street	Lighting	Streetlight - HPS 150W to LED 113W	Per Unit	Existing	7%	8	$	1.18	-
Street	Lighting	Streetlight - HPS 200W to LED 120W	Per Unit	Existing	9%	8	$	0.68	-
Street	Lighting	Streetlight - HPS 250W to LED 150W	Per Unit	Existing	8%	8	$	0.61	-
Street	Lighting	Streetlight - HPS 400W to LED 225W	Per Unit	Existing	9%	8	$	0.37	-
Street	Lighting	Streetlight - HPS 70W to LED 42W	Per Unit	Existing	9%	8	$	1.67	-
Transportati	Fans	Enhanced (Ultra-PE) Motor 1-15 HP,	Per Unit	Existing	1%	15	$	1.68	-
Transportati	Fans	Enhanced (Ultra-PE) Motor 125-200	Per Unit	Existing	1%	15	$	1.25	-
Transportati	Fans	Enhanced (Ultra-PE) Motor 20-40 HP,	Per Unit	Existing	0%	15	$	0.80	23
Transportati	Fans	Enhanced (Ultra-PE) Motor 250-500	Per Unit	Existing	0%	15	$	0.30	23
Transportati	Fans	Enhanced (Ultra-PE) Motor 50-100 HP,	Per Unit	Existing	1%	15	$	0.19	55
Transportati	Fans	Integrated Plant Energy Management	Per Unit	Existing	50%	11	$	0.20	830
Transportati	Fans	Motor Early Retirement	Per Unit	Existing	3%	10	$	4.07	-
Transportati	Fans	Motor Rewind	Per Unit	Existing	1%	10	$	0.30	6
Transportati	Fans	Premium Fan	Per Unit	Existing	20%	10	$	0.18	166
Transportati	Fans	Synchronous Belts	Per Unit	Existing	1%	10	$	0.21	18
Transportati	Fans	Variable Speed Drive Control	Per Unit	Existing	14%	10	$	0.18	122
Transportati	HVAC	Chiller Air Cooled	Per Unit	Existing	4%	20	$	0.19	302
Transportati	HVAC	Chiller Water-Cooled	Per Unit	Existing	9%	20	$	0.19	583
Transportati	HVAC	Duct Repair And Sealing	Per Unit	Existing	3%	18	$	4.46	-
Transportati	HVAC	Heat Pump - Ground Source	Per Unit	Existing	32%	15	$	11.53	-
Transportati	HVAC	Package Terminal	Per Unit	Existing	0%	9	$	1.25	-
Transportati	HVAC	Thermostat Programmable	Per Unit	Existing	3%	15	$	0.37	504
Transportati	Lighting	Exit Sign - LED	Per Unit	Existing	2%	11	$	0.43	202
Transportati	Lighting	Exit Sign - Photoluminescent	Per Unit	Existing	0%	13	$	0.86	-
Transportati	Lighting	Lighting - CFL Packages	Per Unit	Existing	8%	2	$	0.01	1,598
Transportati	Lighting	Lighting - Fluorescent High	Per Unit	Existing	4%	7	$	2.10	-
Transportati	Lighting	Lighting - Fluorescent Reduced Wattage	Per Unit	Existing	9%	5	$	0.91	-
Transportati	Lighting	Lighting - High Bay Fluorescent High	Per Unit	Existing	49%	6	$	0.09	6,020
Transportati	Lighting	Lighting - High Intensity Discharge	Per Unit	Existing	10%	5	$	0.47	-
Transportati	Lighting	Lighting - LED Lamp Packages	Per Unit	Existing	10%	11	$	0.23	941
Transportati	Motors	Enhanced (Ultra-PE) Motor 1-15 HP,	Per Unit	Existing	1%	15	$	1.68	-
Transportati	Motors	Enhanced (Ultra-PE) Motor 125-200	Per Unit	Existing	1%	15	$	1.25	-
Transportati	Motors	Enhanced (Ultra-PE) Motor 20-40 HP,	Per Unit	Existing	0%	15	$	0.80	55
Transportati	Motors	Enhanced (Ultra-PE) Motor 250-500	Per Unit	Existing	0%	15	$	0.30	51
Transportati	Motors	Enhanced (Ultra-PE) Motor 50-100 HP,	Per Unit	Existing	1%	15	$	0.19	122
Transportati	Motors	Material Handling	Per Unit	Existing	5%	10	$	0.47	449
Transportati	Motors	Motor Early Retirement	Per Unit	Existing	3%	10	$	4.07	-
Transportati	Motors	Motor Management Plan	Per Unit	Existing	3%	10	$	0.07	255

Transportati	Motors	Motor Rewind	Per Unit	Existing	1%	10	$	0.30	12
Transportati	Motors	Switch from Belt drive to Direct Drive	Per Unit	Existing	8%	12	$	0.21	137
Transportati	Motors	Synchronous Belts	Per Unit	Existing	1%	10	$	0.21	40
Transportati	Motors	Variable Speed Drive Control	Per Unit	Existing	13%	10	$	0.21	247
Transportati	Other	Power Quality-Improving Appliances	Per Unit	Existing	0%	20	$	2.21	-
Transportati	Other	Transformers	Per Unit	Existing	2%	30	$	0.10	14
Transportati	Process	Air Compressor Optimization	Per Unit	Existing	21%	10	$	0.09	1,356
Transportati	Process	Integrated Plant Energy Management	Per Unit	Existing	50%	11	$	0.20	1,716
Transportati	Process	Motor Management Plan	Per Unit	Existing	3%	10	$	0.07	247
Transportati	Process	VFD Controlled Compressor	Per Unit	Existing	22%	15	$	0.50	1,271
Transportati	Process	Chiller - Water Piping Loop with VSD	Per Unit	Existing	9%	15	$	0.27	379
Transportati	Process	Desuperheaters	Per Unit	Existing	3%	14	$	0.60	119
Transportati	Process	Synchronous Belts	Per Unit	Existing	1%	10	$	0.21	37
Transportati	Process	VFD on Cooling Tower Fans	Per Unit	Existing	6%	15	$	0.08	252
Transportati	Pumps	Enhanced (Ultra-PE) Motor 1-15 HP,	Per Unit	Existing	1%	15	$	1.68	-
Transportati	Pumps	Enhanced (Ultra-PE) Motor 125-200	Per Unit	Existing	1%	15	$	1.25	-
Transportati	Pumps	Enhanced (Ultra-PE) Motor 20-40 HP,	Per Unit	Existing	0%	15	$	0.80	51
Transportati	Pumps	Enhanced (Ultra-PE) Motor 250-500	Per Unit	Existing	0%	15	$	0.30	51
Transportati	Pumps	Enhanced (Ultra-PE) Motor 50-100 HP,	Per Unit	Existing	1%	15	$	0.19	120
Transportati	Pumps	Integrated Plant Energy Management	Per Unit	Existing	50%	11	$	0.20	1,880
Transportati	Pumps	Motor Early Retirement	Per Unit	Existing	3%	10	$	4.07	-
Transportati	Pumps	Motor Rewind	Per Unit	Existing	1%	10	$	0.30	13
Transportati	Pumps	Pump System Optimization	Per Unit	Existing	12%	12	$	0.26	285
Transportati	Pumps	Variable Speed Drive Control	Per Unit	Existing	4%	10	$	0.21	69
Wood	Fans	Enhanced (Ultra-PE) Motor 1-15 HP,	Per Unit	Existing	1%	15	$	1.68	-
Wood	Fans	Enhanced (Ultra-PE) Motor 125-200	Per Unit	Existing	1%	15	$	1.25	-
Wood	Fans	Enhanced (Ultra-PE) Motor 20-40 HP,	Per Unit	Existing	0%	15	$	0.80	39
Wood	Fans	Enhanced (Ultra-PE) Motor 250-500	Per Unit	Existing	0%	15	$	0.30	38
Wood	Fans	Enhanced (Ultra-PE) Motor 50-100 HP,	Per Unit	Existing	1%	15	$	0.19	94
Wood	Fans	Integrated Plant Energy Management	Per Unit	Existing	50%	11	$	0.20	1,403
Wood	Fans	Motor Early Retirement	Per Unit	Existing	3%	10	$	4.07	-
Wood	Fans	Motor Rewind	Per Unit	Existing	1%	10	$	0.30	9
Wood	Fans	Premium Fan	Per Unit	Existing	20%	10	$	0.18	281
Wood	Fans	Synchronous Belts	Per Unit	Existing	1%	10	$	0.21	31
Wood	Fans	Variable Speed Drive Control	Per Unit	Existing	14%	10	$	0.18	207
Wood	HVAC	Chiller Air Cooled	Per Unit	Existing	4%	20	$	0.19	55
Wood	HVAC	Chiller Water-Cooled	Per Unit	Existing	9%	20	$	0.19	109
Wood	HVAC	Duct Repair And Sealing	Per Unit	Existing	3%	18	$	4.46	-
Wood	HVAC	Heat Pump - Ground Source	Per Unit	Existing	32%	15	$	11.53	-

Wood	HVAC	Package Terminal	Per Unit	Existing	0%	9	$	1.25	-
Wood	HVAC	Thermostat Programmable	Per Unit	Existing	3%	15	$	0.37	93
Wood	Lighting	Exit Sign - LED	Per Unit	Existing	2%	11	$	0.43	68
Wood	Lighting	Exit Sign - Photoluminescent	Per Unit	Existing	0%	13	$	0.86	-
Wood	Lighting	Lighting - CFL Packages	Per Unit	Existing	8%	2	$	0.01	543
Wood	Lighting	Lighting - Fluorescent High	Per Unit	Existing	4%	7	$	2.10	-
Wood	Lighting	Lighting - Fluorescent Reduced Wattage	Per Unit	Existing	9%	5	$	0.91	-
Wood	Lighting	Lighting - High Bay Fluorescent High	Per Unit	Existing	49%	6	$	0.09	2,046
Wood	Lighting	Lighting - High Intensity Discharge	Per Unit	Existing	10%	5	$	0.47	-
Wood	Lighting	Lighting - LED Lamp Packages	Per Unit	Existing	10%	11	$	0.23	320
Wood	Motors	Enhanced (Ultra-PE) Motor 1-15 HP,	Per Unit	Existing	1%	15	$	1.68	-
Wood	Motors	Enhanced (Ultra-PE) Motor 125-200	Per Unit	Existing	1%	15	$	1.25	-
Wood	Motors	Enhanced (Ultra-PE) Motor 20-40 HP,	Per Unit	Existing	0%	15	$	0.80	101
Wood	Motors	Enhanced (Ultra-PE) Motor 250-500	Per Unit	Existing	0%	15	$	0.30	93
Wood	Motors	Enhanced (Ultra-PE) Motor 50-100 HP,	Per Unit	Existing	1%	15	$	0.19	225
Wood	Motors	Material Handling	Per Unit	Existing	5%	10	$	0.47	832
Wood	Motors	Motor Early Retirement	Per Unit	Existing	3%	10	$	4.07	-
Wood	Motors	Motor Management Plan	Per Unit	Existing	3%	10	$	0.07	470
Wood	Motors	Motor Rewind	Per Unit	Existing	1%	10	$	0.30	22
Wood	Motors	Replace Pneumatic Conveyor	Per Unit	Existing	29%	10	$	0.01	5,538
Wood	Motors	Switch from Belt drive to Direct Drive	Per Unit	Existing	8%	12	$	0.21	253
Wood	Motors	Synchronous Belts	Per Unit	Existing	1%	10	$	0.21	73
Wood	Motors	Variable Speed Drive Control	Per Unit	Existing	13%	10	$	0.21	454
Wood	Other	Power Quality-Improving Appliances	Per Unit	Existing	0%	20	$	2.21	-
Wood	Other	Transformers	Per Unit	Existing	2%	30	$	0.10	7
Wood	Process	Air Compressor Optimization	Per Unit	Existing	21%	10	$	0.09	1,173
Wood	Process	Integrated Plant Energy Management	Per Unit	Existing	50%	11	$	0.20	1,429
Wood	Process	Motor Management Plan	Per Unit	Existing	3%	10	$	0.07	213
Wood	Process	VFD Controlled Compressor	Per Unit	Existing	22%	15	$	0.50	1,096
Wood	Process	Chiller - Water Piping Loop with VSD	Per Unit	Existing	9%	15	$	0.27	113
Wood	Process	Synchronous Belts	Per Unit	Existing	1%	10	$	0.21	19
Wood	Process	VFD on Cooling Tower Fans	Per Unit	Existing	6%	15	$	0.08	125
Wood	Pumps	Enhanced (Ultra-PE) Motor 1-15 HP,	Per Unit	Existing	1%	15	$	1.68	-
Wood	Pumps	Enhanced (Ultra-PE) Motor 125-200	Per Unit	Existing	1%	15	$	1.25	-
Wood	Pumps	Enhanced (Ultra-PE) Motor 20-40 HP,	Per Unit	Existing	0%	15	$	0.80	68
Wood	Pumps	Enhanced (Ultra-PE) Motor 250-500	Per Unit	Existing	0%	15	$	0.30	68
Wood	Pumps	Enhanced (Ultra-PE) Motor 50-100 HP,	Per Unit	Existing	1%	15	$	0.19	160
Wood	Pumps	Integrated Plant Energy Management	Per Unit	Existing	50%	11	$	0.20	2,634
Wood	Pumps	Motor Early Retirement	Per Unit	Existing	3%	10	$	4.07	-

Wood	Pumps	Motor Rewind	Per Unit	Existing	1%	10	$	0.30	17
Wood	Pumps	Pump System Optimization	Per Unit	Existing	12%	12	$	0.26	382
Wood	Pumps	Variable Speed Drive Control	Per Unit	Existing	4%	10	$	0.21	97
Total Industrial Electric									1,038,971

Segment	End Use	Measure Name	Measure Description	Baseline Description	Unit Description	Construction Vintage	Savings per Unit (Therm)	Measure Life	Incrmental Cost per Unit	Measure Applicability	2023 Economic Potential (Thousand Therms)
Low Income	Cooking	Oven - Convection	Convection Oven	Standard Oven	Per Unit	Existing	10.67	19	$ 126	100%	-
Low Income	Cooking	Oven - Convection	Convection Oven	Standard Oven	Per Unit	New	10.67	19	$ 126	100%	-
Low Income	Cooking	Oven - Standard	Standard Oven	Standard Oven	Per Unit	Existing	-	19	$ -	100%	-
Low Income	Cooking	Oven - Standard	Standard Oven	Standard Oven	Per Unit	New	-	19	$ -	100%	-
Low Income	Cooking	Cooking Range - Standard	Standard Cooking Range	Standard Cooking Range	Per Unit	Existing	-	19	$ -	100%	-
Low Income	Cooking	Cooking Range - Standard	Standard Cooking Range	Standard Cooking Range	Per Unit	New	-	19	$ -	100%	-
Low Income	Dryer	Clothes Dryer - Moisture Sensor	Clothes Dryer w/ Moisture Sensor	Standard Dryer without Moisture Sensor	Per Unit	Existing	4.08	11	$ 209	100%	-
Low Income	Dryer	Clothes Dryer - Moisture Sensor	Clothes Dryer w/ Moisture Sensor	Standard Dryer without Moisture Sensor	Per Unit	New	4.08	11	$ 209	100%	-
Low Income	Dryer	Clothes Dryer - Standard without	Standard Dryer without Moisture Sensor	Standard Dryer without Moisture Sensor	Per Unit	Existing	-	11	$ -	100%	-
Low Income	Dryer	Clothes Dryer - Standard without	Standard Dryer without Moisture Sensor	Standard Dryer without Moisture Sensor	Per Unit	New	-	11	$ -	100%	-
Low Income	Heat Central	Boiler - 85% AFUE	85% AFUE	Federal Standard 82% AFUE (EISA 2007)	Per Household	Existing	11.74	20	$ 314	100%	-
Low Income	Heat Central	Boiler - 85% AFUE	85% AFUE	Federal Standard 82% AFUE (EISA 2007)	Per Household	New	9.65	20	$ 314	100%	-
Low Income	Heat Central	Boiler - 90% AFUE	90% AFUE	Federal Standard 82% AFUE (EISA 2007)	Per Household	Existing	17.42	20	$ 2,038	100%	-
Low Income	Heat Central	Boiler - 90% AFUE	90% AFUE	Federal Standard 82% AFUE (EISA 2007)	Per Household	New	14.31	20	$ 2,038	100%	-
Low Income	Heat Central	Boiler - 94% AFUE	94% AFUE	Federal Standard 82% AFUE (EISA 2007)	Per Household	Existing	22.98	20	$ 2,457	100%	-
Low Income	Heat Central	Boiler - 94% AFUE	94% AFUE	Federal Standard 82% AFUE (EISA 2007)	Per Household	New	18.88	20	$ 2,457	100%	-
Low Income	Heat Central	Boiler - 96% AFUE	96% AFUE	Federal Standard 82% AFUE (EISA 2007)	Per Household	Existing	33.75	20	$ 2,895	100%	-
Low Income	Heat Central	Boiler - 96% AFUE	96% AFUE	Federal Standard 82% AFUE (EISA 2007)	Per Household	New	27.73	20	$ 2,895	100%	-
Low Income	Heat Central	Boiler - Below Standard 80% AFUE	Below Standard 80% AFUE	Below Standard 80% AFUE	Per Household	Existing	-	10	$ -	100%	-
Low Income	Heat Central	Boiler - Below Standard 80% AFUE	Below Standard 80% AFUE	Below Standard 80% AFUE	Per Household	New	-	10	$ -	100%	-
Low Income	Heat Central	Boiler - Controls	Boiler Controls	No Boiler Control	Per Boiler Control	Existing	27.55	20	$ 384	50%	-
Low Income	Heat Central	Boiler - Pipe Insulation	R-6	No Insulation	Per Pipe Insulation	Existing	9.00	15	$ 44	23%	1
Low Income	Heat Central	Boiler - Standard 82% AFUE	Federal Standard 82% AFUE (EISA 2007)	Federal Standard 82% AFUE (EISA 2007)	Per Household	Existing	-	20	$ -	100%	-
Low Income	Heat Central	Boiler - Standard 82% AFUE	Federal Standard 82% AFUE (EISA 2007)	Federal Standard 82% AFUE (EISA 2007)	Per Household	New	-	20	$ -	100%	-
Low Income	Heat Central	Doors	ENERGY STAR Door (R-4.8)	Standard Code Door (R-2.9)	Per Door SqFt	Existing	0.26	20	$ 1	32%	1
Low Income	Heat Central	Doors	ENERGY STAR Door (R-4.8)	Standard Code Door (R-2.9)	Per Door SqFt	New	0.26	20	$ 1	32%	0
Low Income	Heat Central	Doors	Thermal Door (R-10)	Standard Code Door (R-2.9)	Per Door SqFt	Existing	0.47	20	$ 3	40%	2
Low Income	Heat Central	Doors	Thermal Door (R-10)	Standard Code Door (R-2.9)	Per Door SqFt	New	0.46	20	$ 3	40%	0
Low Income	Heat Central	Duct Sealing	4 CFM/100sqft of CFA	8 CFM/100sqft of CFA	Per Duct Sealing Installation	New	22.64	18	$ 333	0%	-
Low Income	Heat Central	Duct Sealing	4 CFM/100sqft of CFA	Existing CFM/100sqft of CFA	Per Duct Sealing Installation	Existing	82.64	18	$ 960	0%	-
Low Income	Heat Central	Duct Sealing	8 CFM/100sqft of CFA	Existing CFM/100sqft of CFA	Per Duct Sealing Installation	Existing	55.10	18	$ 587	0%	-
Low Income	Heat Central	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof sqft	New	0.01	30	$ 13	88%	-
Low Income	Heat Central	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	Existing	55.10	11	$ 612	13%	4
Low Income	Heat Central	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	New	29.43	11	$ 612	20%	-
Low Income	Heat Central	Infiltration Reduction	4.0 ACH50	7.0 ACH50	Per Building SqFt	New	0.03	11	$ 0	42%	1
Low Income	Heat Central	Infiltration Reduction	4.0 ACH50	Existing Infiltration (10 ACH50)	Per Building SqFt	Existing	0.07	11	$ 0	19%	10
Low Income	Heat Central	Infiltration Reduction	7.0 ACH50	Existing Infiltration (10 ACH50)	Per Building SqFt	Existing	0.04	11	$ 0	63%	16
Low Income	Heat Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-38 (To Code Zone 5)	Average Existing Insulation (R-15.7)	Per Insulated SqFt	Existing	0.06	20	$ 1	7%	2
Low Income	Heat Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (To Code Zone 6)	Average Existing Insulation (R-15.7)	Per Insulated SqFt	Existing	0.07	20	$ 1	7%	3
Low Income	Heat Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (Zone 5)	Code Insulation R-38 (Zone 5)	Per Insulated SqFt	Existing	0.01	20	$ 0	17%	-
Low Income	Heat Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (Zone 5)	Code Insulation R-38 (Zone 5)	Per Insulated SqFt	New	0.01	20	$ 0	17%	-
Low Income	Heat Central	Insulation - Basement Wall	Insulation Basement Wall (R-10 Zone 5)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	0.18	20	$ 1	7%	4
Low Income	Heat Central	Insulation - Basement Wall	Insulation Basement Wall (R-15 Zone 6)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	0.21	20	$ 1	14%	9
Low Income	Heat Central	Insulation - Duct	Insulation Duct (R-8)	No Duct Insulation	Per Duct Insulation Installation	Existing	23.42	20	$ 375	0%	-
Low Income	Heat Central	Insulation - Floor	Insulation Floor (R-30)	Average Existing Insulation (R-1.8)	Per Insulated SqFt	Existing	0.05	20	$ 1	57%	-
Low Income	Heat Central	Insulation - Rim/Band Joist	Insulation Rim and Band Joist (R-10)	No Rim And Band Joist Insulation	Per Insulated SqFt	Existing	0.11	20	$ 1	8%	1
Low Income	Heat Central	Insulation - Siding	Vinyl Siding with Foam Backing (R-3)	No Siding Insulation	Per Insulated SqFt	Existing	0.09	20	$ 1	9%	3
Low Income	Heat Central	Insulation - Slab	Insulation Slab (R-15, 4ft)	Code Insulation (R-10, 4ft)	Per Insulated SqFt	New	0.03	20	$ 0	28%	-
Low Income	Heat Central	Insulation - Wall	Insulation Wall (R-13)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	0.19	20	$ 1	3%	1
Low Income	Heat Central	Insulation - Wall	Insulation Wall (R-20 or R-13 w/ R-5 sheathing)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	0.22	20	$ 1	1%	0
Low Income	Heat Central	Insulation - Wall	Insulation Wall (R-21 + R-5 sheathing)	Code Insulation (R-20 or R-13 w/ R-5	Per Insulated SqFt	New	0.02	20	$ 0	90%	0
Low Income	Heat Central	Integrated Space Heating and Water	84% CAE or Above	Standard Boiler AFUE 82% and Water Heater	Per Integrated Equipment	Existing	49.59	20	$ 746	0%	-
Low Income	Heat Central	Integrated Space Heating and Water	84% CAE or Above	Standard Boiler AFUE 82% and Water Heater	Per Integrated Equipment	New	40.75	20	$ 746	0%	-
Low Income	Heat Central	Quality Install Boiler	Quality Installation (QI)	Standard Installation	Per QI Install	Existing	27.55	5	$ 300	38%	-
Low Income	Heat Central	Quality Install Boiler	Quality Installation (QI)	Standard Installation	Per QI Install	New	22.64	5	$ 300	38%	-
Low Income	Heat Central	Thermostat - Multi-Zone	Individual Room Temperature Control for Major	Programmable Thermostat - Central Control	Per Programmable Control System	New	30.79	11	$ 895	62%	-
Low Income	Heat Central	Thermostat - Programmable	Setback Thermostat 5-1-1, 5-2 or 7-Day	Manual Thermostat	Per Programmable Control	Existing	19.28	15	$ 33	42%	1
Low Income	Heat Central	Thermostat - WiFi Programmable	WiFi Programmable Thermostat	Programmable Thermostat - Central Control	Per Programmable Control	Existing	19.34	15	$ 167	44%	5

Low Income	Heat Central	Thermostat - WiFi Programmable	WiFi Programmable Thermostat	Programmable Thermostat - Central Control	Per Programmable Control	New	15.89	15	$	167	62%	0
Low Income	Heat Central	Tune-up - Boiler Maintenance	Boiler Maintenance (Tune-up)	Unmaintained Boiler	Per Tune-up	Existing	27.55	5	$	200	66%	-
Low Income	Heat Central	Window - Upgrade	Code Window U-Factor = 0.35 (2009 IECC)	Existing Windows U-Factor	Per Window SqFt	Existing	0.35	20	$	19	24%	-
Low Income	Heat Central	Window - Upgrade	ENERGY STAR U-Factor = 0.30	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	Existing	0.10	20	$	3	73%	-
Low Income	Heat Central	Window - Upgrade	ENERGY STAR U-Factor = 0.30	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	New	0.09	20	$	3	82%	-
Low Income	Heat Central	Window - Upgrade	Smart Window U-Factor = 0.22	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	Existing	0.25	20	$	28	63%	-
Low Income	Heat Central	Window - Upgrade	Smart Window U-Factor = 0.22	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	New	0.24	20	$	28	68%	-
Low Income	Heat Central	Doors	ENERGY STAR Door (R-4.8)	Standard Code Door (R-2.9)	Per Door SqFt	Existing	0.26	20	$	1	32%	58
Low Income	Heat Central	Doors	ENERGY STAR Door (R-4.8)	Standard Code Door (R-2.9)	Per Door SqFt	New	0.23	20	$	1	32%	3
Low Income	Heat Central	Doors	Thermal Door (R-10)	Standard Code Door (R-2.9)	Per Door SqFt	Existing	0.47	20	$	3	40%	126
Low Income	Heat Central	Doors	Thermal Door (R-10)	Standard Code Door (R-2.9)	Per Door SqFt	New	0.42	20	$	3	40%	7
Low Income	Heat Central	Duct Sealing	4 CFM/100sqft of CFA	8 CFM/100sqft of CFA	Per Duct Sealing Installation	New	12.60	18	$	333	54%	-
Low Income	Heat Central	Duct Sealing	4 CFM/100sqft of CFA	Existing CFM/100sqft of CFA	Per Duct Sealing Installation	Existing	53.06	18	$	960	24%	337
Low Income	Heat Central	Duct Sealing	8 CFM/100sqft of CFA	Existing CFM/100sqft of CFA	Per Duct Sealing Installation	Existing	35.37	18	$	587	54%	541
Low Income	Heat Central	Furnace - 92% AFUE	92% AFUE	Federal Standard 90% AFUE Non-Weatherized	Per Household	Existing	7.54	20	$	83	100%	118
Low Income	Heat Central	Furnace - 92% AFUE	92% AFUE	Federal Standard 90% AFUE Non-Weatherized	Per Household	New	5.37	20	$	83	100%	-
Low Income	Heat Central	Furnace - 93% AFUE	93% AFUE	Federal Standard 90% AFUE Non-Weatherized	Per Household	Existing	11.18	20	$	220	100%	-
Low Income	Heat Central	Furnace - 93% AFUE	93% AFUE	Federal Standard 90% AFUE Non-Weatherized	Per Household	New	7.97	20	$	220	100%	-
Low Income	Heat Central	Furnace - 94% AFUE	94% AFUE	Federal Standard 90% AFUE Non-Weatherized	Per Household	Existing	14.75	20	$	498	100%	-
Low Income	Heat Central	Furnace - 94% AFUE	94% AFUE	Federal Standard 90% AFUE Non-Weatherized	Per Household	New	10.51	20	$	498	100%	-
Low Income	Heat Central	Furnace - 96% AFUE	96% AFUE	Federal Standard 90% AFUE Non-Weatherized	Per Household	Existing	21.67	20	$	653	100%	-
Low Income	Heat Central	Furnace - 96% AFUE	96% AFUE	Federal Standard 90% AFUE Non-Weatherized	Per Household	New	15.44	20	$	653	100%	-
Low Income	Heat Central	Furnace - Below Standard 78% AFUE	Below Standard 78% AFUE	Below Standard 78% AFUE	Per Household	Existing	-	10	$	-	100%	-
Low Income	Heat Central	Furnace - Below Standard 78% AFUE	Below Standard 78% AFUE	Below Standard 78% AFUE	Per Household	New	-	10	$	-	100%	-
Low Income	Heat Central	Furnace - Standard 90% AFUE	Federal Standard 90% AFUE Non-Weatherized	Federal Standard 90% AFUE Non-Weatherized	Per Household	Existing	-	20	$	-	100%	-
Low Income	Heat Central	Furnace - Standard 90% AFUE	Federal Standard 90% AFUE Non-Weatherized	Federal Standard 90% AFUE Non-Weatherized	Per Household	New	-	20	$	-	100%	-
Low Income	Heat Central	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof sqft	New	0.01	30	$	13	88%	-
Low Income	Heat Central	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	Existing	35.37	11	$	612	13%	-
Low Income	Heat Central	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	New	16.38	11	$	612	20%	-
Low Income	Heat Central	Infiltration Reduction	4.0 ACH50	7.0 ACH50	Per Building SqFt	New	0.02	11	$	0	42%	16
Low Income	Heat Central	Infiltration Reduction	4.0 ACH50	Existing Infiltration (10 ACH50)	Per Building SqFt	Existing	0.05	11	$	0	19%	298
Low Income	Heat Central	Infiltration Reduction	7.0 ACH50	Existing Infiltration (10 ACH50)	Per Building SqFt	Existing	0.02	11	$	0	63%	502
Low Income	Heat Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-38 (To Code Zone 5)	Average Existing Insulation (R-15.7)	Per Insulated SqFt	Existing	0.06	20	$	1	7%	104
Low Income	Heat Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (To Code Zone 6)	Average Existing Insulation (R-15.7)	Per Insulated SqFt	Existing	0.07	20	$	1	7%	121
Low Income	Heat Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (Zone 5)	Code Insulation R-38 (Zone 5)	Per Insulated SqFt	Existing	0.01	20	$	0	17%	-
Low Income	Heat Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (Zone 5)	Code Insulation R-38 (Zone 5)	Per Insulated SqFt	New	0.01	20	$	0	17%	-
Low Income	Heat Central	Insulation - Basement Wall	Insulation Basement Wall (R-10 Zone 5)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	0.18	20	$	1	7%	202
Low Income	Heat Central	Insulation - Basement Wall	Insulation Basement Wall (R-15 Zone 6)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	0.21	20	$	1	14%	520
Low Income	Heat Central	Insulation - Duct	Insulation Duct (R-8)	No Duct Insulation	Per Duct Insulation Installation	Existing	15.03	20	$	375	71%	-
Low Income	Heat Central	Insulation - Floor	Insulation Floor (R-30)	Average Existing Insulation (R-1.8)	Per Insulated SqFt	Existing	0.05	20	$	1	57%	-
Low Income	Heat Central	Insulation - Rim/Band Joist	Insulation Rim and Band Joist (R-10)	No Rim And Band Joist Insulation	Per Insulated SqFt	Existing	0.11	20	$	1	8%	31
Low Income	Heat Central	Insulation - Siding	Vinyl Siding with Foam Backing (R-3)	No Siding Insulation	Per Insulated SqFt	Existing	0.09	20	$	1	9%	135
Low Income	Heat Central	Insulation - Slab	Insulation Slab (R-15, 4ft)	Code Insulation (R-10, 4ft)	Per Insulated SqFt	New	0.03	20	$	0	28%	-
Low Income	Heat Central	Insulation - Wall	Insulation Wall (R-13)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	0.19	20	$	1	3%	65
Low Income	Heat Central	Insulation - Wall	Insulation Wall (R-20 or R-13 w/ R-5 sheathing)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	0.22	20	$	1	1%	25
Low Income	Heat Central	Insulation - Wall	Insulation Wall (R-21 + R-5 sheathing)	Code Insulation (R-20 or R-13 w/ R-5	Per Insulated SqFt	New	0.01	20	$	0	90%	12
Low Income	Heat Central	Quality Install Furnace	Quality Installation (QI)	Standard Installation	Per QI Install	Existing	7.07	5	$	300	38%	-
Low Income	Heat Central	Quality Install Furnace	Quality Installation (QI)	Standard Installation	Per QI Install	New	5.04	5	$	300	38%	-
Low Income	Heat Central	Thermostat - Multi-Zone	Individual Room Temperature Control for Major	Programmable Thermostat - Central Control	Per Programmable Control System	New	17.14	11	$	895	62%	-
Low Income	Heat Central	Thermostat - Programmable	Setback Thermostat 5-1-1, 5-2 or 7-Day	Manual Thermostat	Per Programmable Control	Existing	12.38	15	$	33	42%	96
Low Income	Heat Central	Thermostat - WiFi Programmable	WiFi Programmable Thermostat	Programmable Thermostat - Central Control	Per Programmable Control	Existing	12.42	15	$	167	44%	156
Low Income	Heat Central	Thermostat - WiFi Programmable	WiFi Programmable Thermostat	Programmable Thermostat - Central Control	Per Programmable Control	New	8.85	15	$	167	62%	11
Low Income	Heat Central	Tune-up - Furnace Maintenance	Furnace Maintenance (Tune-up)	Unmaintained Furnace	Per Tune-up	Existing	17.69	5	$	200	66%	-
Low Income	Heat Central	Window - Upgrade	Code Window U-Factor = 0.35 (2009 IECC)	Existing Windows U-Factor	Per Window SqFt	Existing	0.36	20	$	19	24%	-
Low Income	Heat Central	Window - Upgrade	ENERGY STAR U-Factor = 0.30	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	Existing	0.10	20	$	3	73%	-
Low Income	Heat Central	Window - Upgrade	ENERGY STAR U-Factor = 0.30	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	New	0.09	20	$	3	82%	-
Low Income	Heat Central	Window - Upgrade	Smart Window U-Factor = 0.22	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	Existing	0.26	20	$	28	63%	-
Low Income	Heat Central	Window - Upgrade	Smart Window U-Factor = 0.22	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	New	0.22	20	$	28	68%	-
Low Income	Other	Other	Other	Other	Per Unit	Existing	-	10	$	-	100%	-
Low Income	Other	Other	Other	Other	Per Unit	New	-	10	$	-	100%	-
Low Income	Water Heat	Clothes Washer	Clothes Washer Enhanced Efficiency MEF =	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	16.21	11	$	790	26%	-
Low Income	Water Heat	Clothes Washer	Clothes Washer Enhanced Efficiency MEF =	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	16.21	11	$	790	27%	-
Low Income	Water Heat	Clothes Washer	Clothes Washer CEE Tier 2 MEF = 2.2 and WF	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	11.67	11	$	392	24%	-

Low Income	Water Heat	Clothes Washer	Clothes Washer CEE Tier 2 MEF = 2.2 and WF	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	11.67	11	$ 392	25%	-
Low Income	Water Heat	Clothes Washer	Clothes Washer CEE Tier 3 MEF = 2.4 and WF	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	12.97	11	$ 565	26%	-
Low Income	Water Heat	Clothes Washer	Clothes Washer CEE Tier 3 MEF = 2.4 and WF	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	12.97	11	$ 565	26%	-
Low Income	Water Heat	Clothes Washer	Clothes Washer ENERGY STAR MEF = 2.0 and	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	10.10	11	$ 135	20%	-
Low Income	Water Heat	Clothes Washer	Clothes Washer ENERGY STAR MEF = 2.0 and	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	10.10	11	$ 135	20%	-
Low Income	Water Heat	Clothes Washer	Steam Clothes Washer	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	16.21	11	$ 790	27%	-
Low Income	Water Heat	Clothes Washer	Steam Clothes Washer	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	16.21	11	$ 790	27%	-
Low Income	Water Heat	Dishwasher	Dishwasher Enhanced Efficiency (EF 1.00) 200	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	Existing	4.26	11	$ 1,067	21%	-
Low Income	Water Heat	Dishwasher	Dishwasher Enhanced Efficiency (EF 1.00) 200	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	New	4.26	11	$ 1,067	21%	-
Low Income	Water Heat	Dishwasher	ENERGY STAR 295 kWh/yr and 4.25	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	Existing	1.89	11	$ 272	7%	-
Low Income	Water Heat	Dishwasher	ENERGY STAR 295 kWh/yr and 4.25	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	New	1.89	11	$ 272	7%	-
Low Income	Water Heat	Drain-Water Heat Recovery	Drain-Water Heat Recovery	No Drain Water Heat Recovery	Per Drain-Water Heat Recovery System	Existing	29.84	40	$ 936	10%	-
Low Income	Water Heat	Drain-Water Heat Recovery	Drain-Water Heat Recovery	No Drain Water Heat Recovery	Per Drain-Water Heat Recovery System	New	28.42	40	$ 936	71%	-
Low Income	Water Heat	Faucet Aerators	0.5 GPM	2.2 GPM (Federal Code)	Per Faucet Aerator	Existing	5.03	10	$ 2	85%	78
Low Income	Water Heat	Faucet Aerators	0.5 GPM	2.2 GPM (Federal Code)	Per Faucet Aerator	New	4.79	10	$ 2	90%	5
Low Income	Water Heat	Faucet Aerators	1.5 GPM	2.2 GPM (Federal Code)	Per Faucet Aerator	Existing	2.07	10	$ 1	26%	1
Low Income	Water Heat	Faucet Aerators	1.5 GPM	2.2 GPM (Federal Code)	Per Faucet Aerator	New	1.97	10	$ 1	28%	-
Low Income	Water Heat	Faucet Aerators	2.0 GPM	2.2 GPM (Federal Code)	Per Faucet Aerator	Existing	0.59	10	$ 1	14%	-
Low Income	Water Heat	Faucet Aerators	2.0 GPM	2.2 GPM (Federal Code)	Per Faucet Aerator	New	0.56	10	$ 1	15%	-
Low Income	Water Heat	Faucet Aerators	2.2 GPM (Federal Code)	Existing Faucet Aerator GPM	Per Faucet Aerator	Existing	2.37	10	$ 3	9%	4
Low Income	Water Heat	Hot Tub Covers	Hot Tub Covers R-21	Existing Cover R-10	Per Hot Tub Cover	Existing	7.83	6	$ 524	1%	-
Low Income	Water Heat	Integrated Space Heating and Water	84% CAE or Above	Standard Boiler AFUE 82% and Water Heater	Per Integrated Equipment	Existing	40.16	20	$ 746	0%	-
Low Income	Water Heat	Integrated Space Heating and Water	84% CAE or Above	Standard Boiler AFUE 82% and Water Heater	Per Integrated Equipment	New	38.25	20	$ 746	0%	-
Low Income	Water Heat	Low-Flow Showerheads	1.5 GPM - Showerhead	2.5 GPM (Federal Code)	Per Showerhead	Existing	14.82	10	$ 8	80%	217
Low Income	Water Heat	Low-Flow Showerheads	1.5 GPM - Showerhead	2.5 GPM (Federal Code)	Per Showerhead	New	14.11	10	$ 8	80%	13
Low Income	Water Heat	Low-Flow Showerheads	2.0 GPM - Showerhead	2.5 GPM (Federal Code)	Per Showerhead	Existing	7.41	10	$ 13	38%	3
Low Income	Water Heat	Low-Flow Showerheads	2.0 GPM - Showerhead	2.5 GPM (Federal Code)	Per Showerhead	New	7.05	10	$ 13	38%	0
Low Income	Water Heat	Low-Flow Showerheads	2.5 GPM (Federal Code)	Existing Showerhead GPM	Per Showerhead	Existing	7.41	10	$ 24	23%	31
Low Income	Water Heat	Solar Hot Water (SHW)	Solar Thermal Collector	Standard Storage Hot Water Heater	Per Solar Water System	Existing	63.75	15	$ 6,238	15%	-
Low Income	Water Heat	Solar Hot Water (SHW)	Solar Thermal Collector	Standard Storage Hot Water Heater	Per Solar Water System	New	60.72	15	$ 4,878	15%	-
Low Income	Water Heat	Water Heater - Condensing	Condensing ENERGY STAR EF = 0.80 EF or =	EF = 0.59 Federal Standard 2001	Per Unit	Existing	32.98	11	$ 1,281	90%	-
Low Income	Water Heat	Water Heater - Condensing	Condensing ENERGY STAR EF = 0.80 EF or =	EF = 0.59 Federal Standard 2001	Per Unit	New	31.41	11	$ 1,281	90%	-
Low Income	Water Heat	Water Heater - Pipe Insulation	Hot Water Pipe Insulation (R-4)	No Pipe Insulation	Per Pipe Insulation	Existing	3.09	13	$ 6	30%	14
Low Income	Water Heat	Water Heater - Pipe Insulation	Hot Water Pipe Insulation (R-4)	No Pipe Insulation	Per Pipe Insulation	New	3.09	13	$ 6	45%	1
Low Income	Water Heat	Water Heater - Storage	Below Standard EF = 0.55	Below Standard EF = 0.55	Per Unit	Existing	-	6	$ -	100%	-
Low Income	Water Heat	Water Heater - Storage	Below Standard EF = 0.55	Below Standard EF = 0.55	Per Unit	New	-	6	$ -	100%	-
Low Income	Water Heat	Water Heater - Storage	EF = 0.59 Federal Standard 2001	Below Standard EF = 0.55	Per Unit	Existing	10.25	11	$ 562	100%	-
Low Income	Water Heat	Water Heater - Storage	EF = 0.59 Federal Standard 2001	Below Standard EF = 0.55	Per Unit	New	9.76	11	$ 562	100%	-
Low Income	Water Heat	Water Heater - Storage	EF = 0.62 Federal Standard 2015	EF = 0.59 Federal Standard 2001	Per Unit	Existing	4.37	11	$ 43	100%	-
Low Income	Water Heat	Water Heater - Storage	EF = 0.62 Federal Standard 2015	EF = 0.59 Federal Standard 2001	Per Unit	New	4.16	11	$ 43	100%	-
Low Income	Water Heat	Water Heater - Storage	Storage ENERGY STAR EF = 0.67 = 40 Gallon	EF = 0.59 Federal Standard 2001	Per Unit	Existing	14.53	11	$ 261	100%	-
Low Income	Water Heat	Water Heater - Storage	Storage ENERGY STAR EF = 0.67 = 40 Gallon	EF = 0.59 Federal Standard 2001	Per Unit	New	13.83	11	$ 261	100%	-
Low Income	Water Heat	Water Heater - Tank Blanket/Insulation	Install Insulation (R-11)	No Tank Insulation	Per Tank Wrap	Existing	8.29	13	$ 18	10%	13
Low Income	Water Heat	Water Heater - Tankless	Tankless ENERGY STAR EF = 0.82	EF = 0.59 Federal Standard 2001	Per Unit	Existing	35.30	20	$ 832	90%	-
Low Income	Water Heat	Water Heater - Tankless	Tankless ENERGY STAR EF = 0.82	EF = 0.59 Federal Standard 2001	Per Unit	New	33.61	20	$ 693	90%	-
Low Income	Water Heat	Water Heater - Thermostat Setback	120 Degrees	135 Degrees	Per Set-Back	Existing	24.36	4	$ 10	7%	27
Low Income	Water Heat	Water Heater - Thermostat Setback	120 Degrees	135 Degrees	Per Set-Back	New	23.20	4	$ 10	7%	2
Low Income	Cooking	Oven - Convection	Convection Oven	Standard Oven	Per Unit	Existing	10.67	19	$ 126	100%	-
Low Income	Cooking	Oven - Convection	Convection Oven	Standard Oven	Per Unit	New	10.67	19	$ 126	100%	-
Low Income	Cooking	Oven - Standard	Standard Oven	Standard Oven	Per Unit	Existing	-	19	$ -	100%	-
Low Income	Cooking	Oven - Standard	Standard Oven	Standard Oven	Per Unit	New	-	19	$ -	100%	-
Low Income	Cooking	Cooking Range - Standard	Standard Cooking Range	Standard Cooking Range	Per Unit	Existing	-	19	$ -	100%	-
Low Income	Cooking	Cooking Range - Standard	Standard Cooking Range	Standard Cooking Range	Per Unit	New	-	19	$ -	100%	-
Low Income	Dryer	Clothes Dryer - Moisture Sensor	Clothes Dryer w/ Moisture Sensor	Standard Dryer without Moisture Sensor	Per Unit	Existing	5.42	11	$ 209	100%	-
Low Income	Dryer	Clothes Dryer - Moisture Sensor	Clothes Dryer w/ Moisture Sensor	Standard Dryer without Moisture Sensor	Per Unit	New	5.42	11	$ 209	100%	-
Low Income	Dryer	Clothes Dryer - Standard without	Standard Dryer without Moisture Sensor	Standard Dryer without Moisture Sensor	Per Unit	Existing	-	11	$ -	100%	-
Low Income	Dryer	Clothes Dryer - Standard without	Standard Dryer without Moisture Sensor	Standard Dryer without Moisture Sensor	Per Unit	New	-	11	$ -	100%	-
Low Income	Heat Central	Boiler - 85% AFUE	85% AFUE	Federal Standard 82% AFUE (EISA 2007)	Per Household	Existing	15.71	20	$ 471	100%	-
Low Income	Heat Central	Boiler - 85% AFUE	85% AFUE	Federal Standard 82% AFUE (EISA 2007)	Per Household	New	11.68	20	$ 471	100%	-
Low Income	Heat Central	Boiler - 90% AFUE	90% AFUE	Federal Standard 82% AFUE (EISA 2007)	Per Household	Existing	23.32	20	$ 3,057	100%	-
Low Income	Heat Central	Boiler - 90% AFUE	90% AFUE	Federal Standard 82% AFUE (EISA 2007)	Per Household	New	17.33	20	$ 3,057	100%	-
Low Income	Heat Central	Boiler - 94% AFUE	94% AFUE	Federal Standard 82% AFUE (EISA 2007)	Per Household	Existing	30.76	20	$ 3,686	100%	-
Low Income	Heat Central	Boiler - 94% AFUE	94% AFUE	Federal Standard 82% AFUE (EISA 2007)	Per Household	New	22.87	20	$ 3,686	100%	-

Low Income	Heat Central	Boiler - 96% AFUE	96% AFUE	Federal Standard 82% AFUE (EISA 2007)	Per Household	Existing	45.18	20	$	4,343	100%	-
Low Income	Heat Central	Boiler - 96% AFUE	96% AFUE	Federal Standard 82% AFUE (EISA 2007)	Per Household	New	33.58	20	$	4,343	100%	-
Low Income	Heat Central	Boiler - Below Standard 80% AFUE	Below Standard 80% AFUE	Below Standard 80% AFUE	Per Household	Existing	-	10	$	-	100%	-
Low Income	Heat Central	Boiler - Below Standard 80% AFUE	Below Standard 80% AFUE	Below Standard 80% AFUE	Per Household	New	-	10	$	-	100%	-
Low Income	Heat Central	Boiler - Controls	Boiler Controls	No Boiler Control	Per Boiler Control	Existing	36.84	20	$	384	50%	51
Low Income	Heat Central	Boiler - Pipe Insulation	R-6	No Insulation	Per Pipe Insulation	Existing	11.63	15	$	44	23%	8
Low Income	Heat Central	Boiler - Standard 82% AFUE	Federal Standard 82% AFUE (EISA 2007)	Federal Standard 82% AFUE (EISA 2007)	Per Household	Existing	-	20	$	-	100%	-
Low Income	Heat Central	Boiler - Standard 82% AFUE	Federal Standard 82% AFUE (EISA 2007)	Federal Standard 82% AFUE (EISA 2007)	Per Household	New	-	20	$	-	100%	-
Low Income	Heat Central	Construction - ICF	Insulated Concrete Forms - Concrete	Standard Wood Framing	Per Building SqFt	New	0.04	40	$	3	67%	-
Low Income	Heat Central	Construction - SIP	Structural Insulated Panels - Specialty Framing	Standard Wood Framing	Per Building SqFt	New	0.04	40	$	1	67%	9
Low Income	Heat Central	Doors	ENERGY STAR Door (R-4.8)	Standard Code Door (R-2.9)	Per Door SqFt	Existing	0.26	20	$	1	61%	1
Low Income	Heat Central	Doors	ENERGY STAR Door (R-4.8)	Standard Code Door (R-2.9)	Per Door SqFt	New	0.26	20	$	1	61%	0
Low Income	Heat Central	Doors	Thermal Door (R-10)	Standard Code Door (R-2.9)	Per Door SqFt	Existing	0.47	20	$	3	76%	47
Low Income	Heat Central	Doors	Thermal Door (R-10)	Standard Code Door (R-2.9)	Per Door SqFt	New	0.46	20	$	3	76%	3
Low Income	Heat Central	Duct Sealing	4 CFM/100sqft of CFA	8 CFM/100sqft of CFA	Per Duct Sealing Installation	New	27.38	18	$	333	0%	-
Low Income	Heat Central	Duct Sealing	4 CFM/100sqft of CFA	Existing CFM/100sqft of CFA	Per Duct Sealing Installation	Existing	110.51	18	$	960	0%	-
Low Income	Heat Central	Duct Sealing	8 CFM/100sqft of CFA	Existing CFM/100sqft of CFA	Per Duct Sealing Installation	Existing	73.67	18	$	587	0%	-
Low Income	Heat Central	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof sqft	New	0.01	30	$	16	88%	-
Low Income	Heat Central	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	Existing	73.67	11	$	612	48%	107
Low Income	Heat Central	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	New	35.60	11	$	612	64%	-
Low Income	Heat Central	Infiltration Reduction	4.0 ACH50	7.0 ACH50	Per Building SqFt	New	0.02	11	$	0	42%	3
Low Income	Heat Central	Infiltration Reduction	4.0 ACH50	Existing Infiltration (10 ACH50)	Per Building SqFt	Existing	0.06	11	$	0	19%	68
Low Income	Heat Central	Infiltration Reduction	7.0 ACH50	Existing Infiltration (10 ACH50)	Per Building SqFt	Existing	0.03	11	$	0	63%	114
Low Income	Heat Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-38 (To Code Zone 5)	Average Existing Insulation (R-15.7)	Per Insulated SqFt	Existing	0.06	20	$	1	27%	44
Low Income	Heat Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (To Code Zone 6)	Average Existing Insulation (R-15.7)	Per Insulated SqFt	Existing	0.07	20	$	1	27%	50
Low Income	Heat Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (Zone 5)	Code Insulation R-38 (Zone 5)	Per Insulated SqFt	Existing	0.01	20	$	0	45%	-
Low Income	Heat Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (Zone 5)	Code Insulation R-38 (Zone 5)	Per Insulated SqFt	New	0.01	20	$	0	45%	-
Low Income	Heat Central	Insulation - Basement Wall	Insulation Basement Wall (R-10 Zone 5)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	0.18	20	$	1	12%	34
Low Income	Heat Central	Insulation - Basement Wall	Insulation Basement Wall (R-15 Zone 6)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	0.21	20	$	1	24%	86
Low Income	Heat Central	Insulation - Duct	Insulation Duct (R-8)	No Duct Insulation	Per Duct Insulation Installation	Existing	31.31	20	$	248	0%	-
Low Income	Heat Central	Insulation - Floor	Insulation Floor (R-30)	Average Existing Insulation (R-1.8)	Per Insulated SqFt	Existing	0.05	20	$	1	60%	-
Low Income	Heat Central	Insulation - Rim/Band Joist	Insulation Rim and Band Joist (R-10)	No Rim And Band Joist Insulation	Per Insulated SqFt	Existing	0.11	20	$	1	22%	9
Low Income	Heat Central	Insulation - Siding	Vinyl Siding with Foam Backing (R-3)	No Siding Insulation	Per Insulated SqFt	Existing	0.09	20	$	1	9%	43
Low Income	Heat Central	Insulation - Slab	Insulation Slab (R-15, 4ft)	Code Insulation (R-10, 4ft)	Per Insulated SqFt	New	0.03	20	$	0	17%	-
Low Income	Heat Central	Insulation - Wall	Insulation Wall (R-13)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	0.19	20	$	1	3%	11
Low Income	Heat Central	Insulation - Wall	Insulation Wall (R-20 or R-13 w/ R-5 sheathing)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	0.22	20	$	1	2%	19
Low Income	Heat Central	Insulation - Wall	Insulation Wall (R-21 + R-5 sheathing)	Code Insulation (R-20 or R-13 w/ R-5	Per Insulated SqFt	New	0.02	20	$	0	90%	4
Low Income	Heat Central	Integrated Space Heating and Water	84% CAE or Above	Standard Boiler AFUE 82% and Water Heater	Per Integrated Equipment	Existing	66.30	20	$	746	0%	-
Low Income	Heat Central	Integrated Space Heating and Water	84% CAE or Above	Standard Boiler AFUE 82% and Water Heater	Per Integrated Equipment	New	49.29	20	$	746	0%	-
Low Income	Heat Central	Quality Install Boiler	Quality Installation (QI)	Standard Installation	Per QI Install	Existing	36.84	5	$	300	38%	-
Low Income	Heat Central	Quality Install Boiler	Quality Installation (QI)	Standard Installation	Per QI Install	New	27.38	5	$	300	38%	-
Low Income	Heat Central	Thermostat - Multi-Zone	Individual Room Temperature Control for Major	Programmable Thermostat - Central Control	Per Programmable Control System	New	37.24	11	$	895	86%	-
Low Income	Heat Central	Thermostat - Programmable	Setback Thermostat 5-1-1, 5-2 or 7-Day	Manual Thermostat	Per Programmable Control	Existing	25.79	15	$	33	67%	-
Low Income	Heat Central	Thermostat - WiFi Programmable	WiFi Programmable Thermostat	Programmable Thermostat - Central Control	Per Programmable Control	Existing	25.86	15	$	167	70%	24
Low Income	Heat Central	Thermostat - WiFi Programmable	WiFi Programmable Thermostat	Programmable Thermostat - Central Control	Per Programmable Control	New	19.22	15	$	167	90%	4
Low Income	Heat Central	Tune-up - Boiler Maintenance	Boiler Maintenance (Tune-up)	Unmaintained Boiler	Per Tune-up	Existing	36.84	5	$	200	66%	-
Low Income	Heat Central	Window - Upgrade	Code Window U-Factor = 0.35 (2009 IECC)	Existing Windows U-Factor	Per Window SqFt	Existing	0.35	20	$	25	24%	-
Low Income	Heat Central	Window - Upgrade	ENERGY STAR U-Factor = 0.30	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	Existing	0.10	20	$	8	73%	-
Low Income	Heat Central	Window - Upgrade	ENERGY STAR U-Factor = 0.30	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	New	0.09	20	$	8	82%	-
Low Income	Heat Central	Window - Upgrade	Smart Window U-Factor = 0.22	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	Existing	0.25	20	$	33	61%	-
Low Income	Heat Central	Window - Upgrade	Smart Window U-Factor = 0.22	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	New	0.24	20	$	33	68%	-
Low Income	Heat Central	Construction - ICF	Insulated Concrete Forms - Concrete	Standard Wood Framing	Per Building SqFt	New	0.04	40	$	3	67%	-
Low Income	Heat Central	Construction - SIP	Structural Insulated Panels - Specialty Framing	Standard Wood Framing	Per Building SqFt	New	0.04	40	$	1	67%	132
Low Income	Heat Central	Doors	ENERGY STAR Door (R-4.8)	Standard Code Door (R-2.9)	Per Door SqFt	Existing	0.26	20	$	1	61%	21
Low Income	Heat Central	Doors	ENERGY STAR Door (R-4.8)	Standard Code Door (R-2.9)	Per Door SqFt	New	0.23	20	$	1	61%	1
Low Income	Heat Central	Doors	Thermal Door (R-10)	Standard Code Door (R-2.9)	Per Door SqFt	Existing	0.47	20	$	3	76%	768
Low Income	Heat Central	Doors	Thermal Door (R-10)	Standard Code Door (R-2.9)	Per Door SqFt	New	0.42	20	$	3	76%	44
Low Income	Heat Central	Duct Sealing	4 CFM/100sqft of CFA	8 CFM/100sqft of CFA	Per Duct Sealing Installation	New	24.98	18	$	333	65%	55
Low Income	Heat Central	Duct Sealing	4 CFM/100sqft of CFA	Existing CFM/100sqft of CFA	Per Duct Sealing Installation	Existing	88.48	18	$	960	33%	1,544
Low Income	Heat Central	Duct Sealing	8 CFM/100sqft of CFA	Existing CFM/100sqft of CFA	Per Duct Sealing Installation	Existing	58.99	18	$	587	65%	1,606
Low Income	Heat Central	Furnace - 92% AFUE	92% AFUE	Federal Standard 90% AFUE Non-Weatherized	Per Household	Existing	12.57	20	$	124	100%	310
Low Income	Heat Central	Furnace - 92% AFUE	92% AFUE	Federal Standard 90% AFUE Non-Weatherized	Per Household	New	10.64	20	$	124	100%	32
Low Income	Heat Central	Furnace - 93% AFUE	93% AFUE	Federal Standard 90% AFUE Non-Weatherized	Per Household	Existing	18.65	20	$	331	100%	-

Low Income	Heat Central	Furnace - 93% AFUE	93% AFUE	Federal Standard 90% AFUE Non-Weatherized	Per Household	New	15.80	20	$	331	100%	-
Low Income	Heat Central	Furnace - 94% AFUE	94% AFUE	Federal Standard 90% AFUE Non-Weatherized	Per Household	Existing	24.60	20	$	747	100%	-
Low Income	Heat Central	Furnace - 94% AFUE	94% AFUE	Federal Standard 90% AFUE Non-Weatherized	Per Household	New	20.84	20	$	747	100%	-
Low Income	Heat Central	Furnace - 96% AFUE	96% AFUE	Federal Standard 90% AFUE Non-Weatherized	Per Household	Existing	36.13	20	$	980	100%	-
Low Income	Heat Central	Furnace - 96% AFUE	96% AFUE	Federal Standard 90% AFUE Non-Weatherized	Per Household	New	30.60	20	$	980	100%	-
Low Income	Heat Central	Furnace - Below Standard 78% AFUE	Below Standard 78% AFUE	Below Standard 78% AFUE	Per Household	Existing	-	10	$	-	100%	-
Low Income	Heat Central	Furnace - Below Standard 78% AFUE	Below Standard 78% AFUE	Below Standard 78% AFUE	Per Household	New	-	10	$	-	100%	-
Low Income	Heat Central	Furnace - Standard 90% AFUE	Federal Standard 90% AFUE Non-Weatherized (	Federal Standard 90% AFUE Non-Weatherized	Per Household	Existing	-	20	$	-	100%	-
Low Income	Heat Central	Furnace - Standard 90% AFUE	Federal Standard 90% AFUE Non-Weatherized (	Federal Standard 90% AFUE Non-Weatherized	Per Household	New	-	20	$	-	100%	-
Low Income	Heat Central	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof sqft	New	0.01	30	$	16	88%	-
Low Income	Heat Central	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	Existing	58.99	11	$	612	48%	1,227
Low Income	Heat Central	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	New	32.48	11	$	612	64%	-
Low Income	Heat Central	Infiltration Reduction	4.0 ACH50	7.0 ACH50	Per Building SqFt	New	0.02	11	$	0	42%	47
Low Income	Heat Central	Infiltration Reduction	4.0 ACH50	Existing Infiltration (10 ACH50)	Per Building SqFt	Existing	0.05	11	$	0	19%	761
Low Income	Heat Central	Infiltration Reduction	7.0 ACH50	Existing Infiltration (10 ACH50)	Per Building SqFt	Existing	0.03	11	$	0	63%	1,318
Low Income	Heat Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-38 (To Code Zone 5)	Average Existing Insulation (R-15.7)	Per Insulated SqFt	Existing	0.06	20	$	1	27%	650
Low Income	Heat Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (To Code Zone 6)	Average Existing Insulation (R-15.7)	Per Insulated SqFt	Existing	0.07	20	$	1	27%	739
Low Income	Heat Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (Zone 5)	Code Insulation R-38 (Zone 5)	Per Insulated SqFt	Existing	0.01	20	$	0	45%	-
Low Income	Heat Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (Zone 5)	Code Insulation R-38 (Zone 5)	Per Insulated SqFt	New	0.01	20	$	0	45%	-
Low Income	Heat Central	Insulation - Basement Wall	Insulation Basement Wall (R-10 Zone 5)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	0.18	20	$	1	12%	518
Low Income	Heat Central	Insulation - Basement Wall	Insulation Basement Wall (R-15 Zone 6)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	0.21	20	$	1	24%	1,312
Low Income	Heat Central	Insulation - Duct	Insulation Duct (R-8)	No Duct Insulation	Per Duct Insulation Installation	Existing	25.07	20	$	248	71%	990
Low Income	Heat Central	Insulation - Floor	Insulation Floor (R-30)	Average Existing Insulation (R-1.8)	Per Insulated SqFt	Existing	0.05	20	$	1	60%	-
Low Income	Heat Central	Insulation - Rim/Band Joist	Insulation Rim and Band Joist (R-10)	No Rim And Band Joist Insulation	Per Insulated SqFt	Existing	0.11	20	$	1	22%	132
Low Income	Heat Central	Insulation - Siding	Vinyl Siding with Foam Backing (R-3)	No Siding Insulation	Per Insulated SqFt	Existing	0.09	20	$	1	9%	725
Low Income	Heat Central	Insulation - Slab	Insulation Slab (R-15, 4ft)	Code Insulation (R-10, 4ft)	Per Insulated SqFt	New	0.03	20	$	0	17%	-
Low Income	Heat Central	Insulation - Wall	Insulation Wall (R-13)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	0.19	20	$	1	3%	182
Low Income	Heat Central	Insulation - Wall	Insulation Wall (R-20 or R-13 w/ R-5 sheathing)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	0.22	20	$	1	2%	322
Low Income	Heat Central	Insulation - Wall	Insulation Wall (R-21 + R-5 sheathing)	Code Insulation (R-20 or R-13 w/ R-5	Per Insulated SqFt	New	0.01	20	$	0	90%	54
Low Income	Heat Central	Quality Install Furnace	Quality Installation (QI)	Standard Installation	Per QI Install	Existing	11.80	5	$	300	38%	-
Low Income	Heat Central	Quality Install Furnace	Quality Installation (QI)	Standard Installation	Per QI Install	New	9.99	5	$	300	38%	-
Low Income	Heat Central	Thermostat - Multi-Zone	Individual Room Temperature Control for Major	Programmable Thermostat - Central Control	Per Programmable Control System	New	33.98	11	$	895	86%	-
Low Income	Heat Central	Thermostat - Programmable	Setback Thermostat 5-1-1, 5-2 or 7-Day	Manual Thermostat	Per Programmable Control	Existing	20.65	15	$	33	67%	-
Low Income	Heat Central	Thermostat - WiFi Programmable	WiFi Programmable Thermostat	Programmable Thermostat - Central Control	Per Programmable Control	Existing	20.70	15	$	167	70%	315
Low Income	Heat Central	Thermostat - WiFi Programmable	WiFi Programmable Thermostat	Programmable Thermostat - Central Control	Per Programmable Control	New	17.54	15	$	167	90%	57
Low Income	Heat Central	Tune-up - Furnace Maintenance	Furnace Maintenance (Tune-up)	Unmaintained Furnace	Per Tune-up	Existing	29.49	5	$	200	66%	-
Low Income	Heat Central	Window - Upgrade	Code Window U-Factor = 0.35 (2009 IECC)	Existing Windows U-Factor	Per Window SqFt	Existing	0.36	20	$	25	24%	-
Low Income	Heat Central	Window - Upgrade	ENERGY STAR U-Factor = 0.30	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	Existing	0.10	20	$	8	73%	-
Low Income	Heat Central	Window - Upgrade	ENERGY STAR U-Factor = 0.30	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	New	0.09	20	$	8	82%	-
Low Income	Heat Central	Window - Upgrade	Smart Window U-Factor = 0.22	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	Existing	0.26	20	$	33	61%	-
Low Income	Heat Central	Window - Upgrade	Smart Window U-Factor = 0.22	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	New	0.22	20	$	33	68%	-
Low Income	Other	Other	Other	Other	Per Unit	Existing	-	10	$	-	100%	-
Low Income	Other	Other	Other	Other	Per Unit	New	-	10	$	-	100%	-
Low Income	Water Heat	Clothes Washer	Clothes Washer Enhanced Efficiency MEF =	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	23.65	11	$	790	83%	-
Low Income	Water Heat	Clothes Washer	Clothes Washer Enhanced Efficiency MEF =	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	23.65	11	$	790	83%	-
Low Income	Water Heat	Clothes Washer	Clothes Washer CEE Tier 2 MEF = 2.2 and WF	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	17.03	11	$	392	75%	-
Low Income	Water Heat	Clothes Washer	Clothes Washer CEE Tier 2 MEF = 2.2 and WF	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	17.03	11	$	392	79%	-
Low Income	Water Heat	Clothes Washer	Clothes Washer CEE Tier 3 MEF = 2.4 and WF	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	18.93	11	$	565	80%	-
Low Income	Water Heat	Clothes Washer	Clothes Washer CEE Tier 3 MEF = 2.4 and WF	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	18.93	11	$	565	80%	-
Low Income	Water Heat	Clothes Washer	Clothes Washer ENERGY STAR MEF = 2.0 and	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	14.74	11	$	135	68%	505
Low Income	Water Heat	Clothes Washer	Clothes Washer ENERGY STAR MEF = 2.0 and	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	14.74	11	$	135	68%	31
Low Income	Water Heat	Clothes Washer	Steam Clothes Washer	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	23.66	11	$	790	83%	-
Low Income	Water Heat	Clothes Washer	Steam Clothes Washer	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	23.66	11	$	790	83%	-
Low Income	Water Heat	Dishwasher	Dishwasher Enhanced Efficiency (EF 1.00) 200	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	Existing	4.26	11	$	1,067	14%	-
Low Income	Water Heat	Dishwasher	Dishwasher Enhanced Efficiency (EF 1.00) 200	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	New	4.26	11	$	1,067	14%	-
Low Income	Water Heat	Dishwasher	ENERGY STAR 295 kWh/yr and 4.25	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	Existing	1.89	11	$	272	5%	-
Low Income	Water Heat	Dishwasher	ENERGY STAR 295 kWh/yr and 4.25	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	New	1.89	11	$	272	5%	-
Low Income	Water Heat	Drain-Water Heat Recovery	Drain-Water Heat Recovery	No Drain Water Heat Recovery	Per Drain-Water Heat Recovery System	Existing	43.52	40	$	936	27%	-
Low Income	Water Heat	Drain-Water Heat Recovery	Drain-Water Heat Recovery	No Drain Water Heat Recovery	Per Drain-Water Heat Recovery System	New	41.44	40	$	936	68%	-
Low Income	Water Heat	Faucet Aerators	0.5 GPM	2.2 GPM (Federal Code)	Per Faucet Aerator	Existing	5.25	10	$	2	85%	224
Low Income	Water Heat	Faucet Aerators	0.5 GPM	2.2 GPM (Federal Code)	Per Faucet Aerator	New	5.00	10	$	2	90%	14
Low Income	Water Heat	Faucet Aerators	1.5 GPM	2.2 GPM (Federal Code)	Per Faucet Aerator	Existing	2.16	10	$	1	26%	1
Low Income	Water Heat	Faucet Aerators	1.5 GPM	2.2 GPM (Federal Code)	Per Faucet Aerator	New	2.06	10	$	1	28%	-

Low Income	Water Heat	Faucet Aerators	2.0 GPM	2.2 GPM (Federal Code)	Per Faucet Aerator	Existing	0.62	10	$ 1	14%	-
Low Income	Water Heat	Faucet Aerators	2.0 GPM	2.2 GPM (Federal Code)	Per Faucet Aerator	New	0.59	10	$ 1	15%	-
Low Income	Water Heat	Faucet Aerators	2.2 GPM (Federal Code)	Existing Faucet Aerator GPM	Per Faucet Aerator	Existing	2.47	10	$ 3	9%	11
Low Income	Water Heat	Hot Tub Covers	Hot Tub Covers R-21	Existing Cover R-10	Per Hot Tub Cover	Existing	7.83	6	$ 524	1%	-
Low Income	Water Heat	Integrated Space Heating and Water	84% CAE or Above	Standard Boiler AFUE 82% and Water Heater	Per Integrated Equipment	Existing	58.58	20	$ 746	0%	-
Low Income	Water Heat	Integrated Space Heating and Water	84% CAE or Above	Standard Boiler AFUE 82% and Water Heater	Per Integrated Equipment	New	55.79	20	$ 746	0%	-
Low Income	Water Heat	Low-Flow Showerheads	1.5 GPM - Showerhead	2.5 GPM (Federal Code)	Per Showerhead	Existing	10.30	10	$ 8	80%	415
Low Income	Water Heat	Low-Flow Showerheads	1.5 GPM - Showerhead	2.5 GPM (Federal Code)	Per Showerhead	New	9.81	10	$ 8	80%	24
Low Income	Water Heat	Low-Flow Showerheads	2.0 GPM - Showerhead	2.5 GPM (Federal Code)	Per Showerhead	Existing	5.15	10	$ 13	38%	5
Low Income	Water Heat	Low-Flow Showerheads	2.0 GPM - Showerhead	2.5 GPM (Federal Code)	Per Showerhead	New	4.90	10	$ 13	38%	0
Low Income	Water Heat	Low-Flow Showerheads	2.5 GPM (Federal Code)	Existing Showerhead GPM	Per Showerhead	Existing	5.15	10	$ 24	23%	60
Low Income	Water Heat	Solar Hot Water (SHW)	Solar Thermal Collector	Standard Storage Hot Water Heater	Per Solar Water System	Existing	92.98	15	$ 6,238	15%	-
Low Income	Water Heat	Solar Hot Water (SHW)	Solar Thermal Collector	Standard Storage Hot Water Heater	Per Solar Water System	New	88.55	15	$ 4,878	15%	-
Low Income	Water Heat	Water Heater - Condensing	Condensing ENERGY STAR EF = 0.80 EF or =	EF = 0.59 Federal Standard 2001	Per Unit	Existing	48.13	11	$ 1,281	90%	-
Low Income	Water Heat	Water Heater - Condensing	Condensing ENERGY STAR EF = 0.80 EF or =	EF = 0.59 Federal Standard 2001	Per Unit	New	45.84	11	$ 1,281	90%	-
Low Income	Water Heat	Water Heater - Pipe Insulation	Hot Water Pipe Insulation (R-4)	No Pipe Insulation	Per Pipe Insulation	Existing	3.09	13	$ 6	37%	52
Low Income	Water Heat	Water Heater - Pipe Insulation	Hot Water Pipe Insulation (R-4)	No Pipe Insulation	Per Pipe Insulation	New	3.09	13	$ 6	45%	4
Low Income	Water Heat	Water Heater - Storage	Below Standard EF = 0.55	Below Standard EF = 0.55	Per Unit	Existing	-	6	$ -	100%	-
Low Income	Water Heat	Water Heater - Storage	Below Standard EF = 0.55	Below Standard EF = 0.55	Per Unit	New	-	6	$ -	100%	-
Low Income	Water Heat	Water Heater - Storage	EF = 0.59 Federal Standard 2001	Below Standard EF = 0.55	Per Unit	Existing	14.95	11	$ 562	100%	(20)
Low Income	Water Heat	Water Heater - Storage	EF = 0.59 Federal Standard 2001	Below Standard EF = 0.55	Per Unit	New	14.24	11	$ 562	100%	-
Low Income	Water Heat	Water Heater - Storage	EF = 0.62 Federal Standard 2015	EF = 0.59 Federal Standard 2001	Per Unit	Existing	6.38	11	$ 43	100%	-
Low Income	Water Heat	Water Heater - Storage	EF = 0.62 Federal Standard 2015	EF = 0.59 Federal Standard 2001	Per Unit	New	6.08	11	$ 43	100%	-
Low Income	Water Heat	Water Heater - Storage	Storage ENERGY STAR EF = 0.67 = 40 Gallon	EF = 0.59 Federal Standard 2001	Per Unit	Existing	21.20	11	$ 261	100%	-
Low Income	Water Heat	Water Heater - Storage	Storage ENERGY STAR EF = 0.67 = 40 Gallon	EF = 0.59 Federal Standard 2001	Per Unit	New	20.19	11	$ 261	100%	-
Low Income	Water Heat	Water Heater - Tank Blanket/Insulation	Install Insulation (R-11)	No Tank Insulation	Per Tank Wrap	Existing	12.09	13	$ 18	17%	92
Low Income	Water Heat	Water Heater - Tankless	Tankless ENERGY STAR EF = 0.82	EF = 0.59 Federal Standard 2001	Per Unit	Existing	51.51	20	$ 832	90%	-
Low Income	Water Heat	Water Heater - Tankless	Tankless ENERGY STAR EF = 0.82	EF = 0.59 Federal Standard 2001	Per Unit	New	49.06	20	$ 693	90%	-
Low Income	Water Heat	Water Heater - Thermostat Setback	120 Degrees	135 Degrees	Per Set-Back	Existing	35.53	4	$ 10	11%	191
Low Income	Water Heat	Water Heater - Thermostat Setback	120 Degrees	135 Degrees	Per Set-Back	New	33.84	4	$ 10	11%	11
Manufacture	Cooking	Oven - Convection	Convection Oven	Standard Oven	Per Unit	Existing	10.67	19	$ 126	100%	-
Manufacture	Cooking	Oven - Convection	Convection Oven	Standard Oven	Per Unit	New	10.67	19	$ 126	100%	-
Manufacture	Cooking	Oven - Standard	Standard Oven	Standard Oven	Per Unit	Existing	-	19	$ -	100%	-
Manufacture	Cooking	Oven - Standard	Standard Oven	Standard Oven	Per Unit	New	-	19	$ -	100%	-
Manufacture	Cooking	Cooking Range - Standard	Standard Cooking Range	Standard Cooking Range	Per Unit	Existing	-	19	$ -	100%	-
Manufacture	Cooking	Cooking Range - Standard	Standard Cooking Range	Standard Cooking Range	Per Unit	New	-	19	$ -	100%	-
Manufacture	Dryer	Clothes Dryer - Moisture Sensor	Clothes Dryer w/ Moisture Sensor	Standard Dryer without Moisture Sensor	Per Unit	Existing	4.55	11	$ 209	100%	-
Manufacture	Dryer	Clothes Dryer - Moisture Sensor	Clothes Dryer w/ Moisture Sensor	Standard Dryer without Moisture Sensor	Per Unit	New	4.55	11	$ 209	100%	-
Manufacture	Dryer	Clothes Dryer - Standard without	Standard Dryer without Moisture Sensor	Standard Dryer without Moisture Sensor	Per Unit	Existing	-	11	$ -	100%	-
Manufacture	Dryer	Clothes Dryer - Standard without	Standard Dryer without Moisture Sensor	Standard Dryer without Moisture Sensor	Per Unit	New	-	11	$ -	100%	-
Manufacture	Heat Central	Boiler - 85% AFUE	85% AFUE	Federal Standard 82% AFUE (EISA 2007)	Per Household	Existing	14.19	20	$ 393	100%	-
Manufacture	Heat Central	Boiler - 85% AFUE	85% AFUE	Federal Standard 82% AFUE (EISA 2007)	Per Household	New	9.25	20	$ 393	100%	-
Manufacture	Heat Central	Boiler - 90% AFUE	90% AFUE	Federal Standard 82% AFUE (EISA 2007)	Per Household	Existing	21.05	20	$ 2,548	100%	-
Manufacture	Heat Central	Boiler - 90% AFUE	90% AFUE	Federal Standard 82% AFUE (EISA 2007)	Per Household	New	13.73	20	$ 2,548	100%	-
Manufacture	Heat Central	Boiler - 94% AFUE	94% AFUE	Federal Standard 82% AFUE (EISA 2007)	Per Household	Existing	27.77	20	$ 3,071	100%	-
Manufacture	Heat Central	Boiler - 94% AFUE	94% AFUE	Federal Standard 82% AFUE (EISA 2007)	Per Household	New	18.11	20	$ 3,071	100%	-
Manufacture	Heat Central	Boiler - 96% AFUE	96% AFUE	Federal Standard 82% AFUE (EISA 2007)	Per Household	Existing	40.79	20	$ 3,619	100%	-
Manufacture	Heat Central	Boiler - 96% AFUE	96% AFUE	Federal Standard 82% AFUE (EISA 2007)	Per Household	New	26.60	20	$ 3,619	100%	-
Manufacture	Heat Central	Boiler - Below Standard 80% AFUE	Below Standard 80% AFUE	Below Standard 80% AFUE	Per Household	Existing	-	10	$ -	100%	-
Manufacture	Heat Central	Boiler - Below Standard 80% AFUE	Below Standard 80% AFUE	Below Standard 80% AFUE	Per Household	New	-	10	$ -	100%	-
Manufacture	Heat Central	Boiler - Controls	Boiler Controls	No Boiler Control	Per Boiler Control	Existing	33.58	20	$ 384	50%	-
Manufacture	Heat Central	Boiler - Pipe Insulation	R-6	No Insulation	Per Pipe Insulation	Existing	11.63	15	$ 44	23%	-
Manufacture	Heat Central	Boiler - Standard 82% AFUE	Federal Standard 82% AFUE (EISA 2007)	Federal Standard 82% AFUE (EISA 2007)	Per Household	Existing	-	20	$ -	100%	-
Manufacture	Heat Central	Boiler - Standard 82% AFUE	Federal Standard 82% AFUE (EISA 2007)	Federal Standard 82% AFUE (EISA 2007)	Per Household	New	-	20	$ -	100%	-
Manufacture	Heat Central	Doors	ENERGY STAR Door (R-4.8)	Standard Code Door (R-2.9)	Per Door SqFt	Existing	0.26	20	$ 1	61%	-
Manufacture	Heat Central	Doors	ENERGY STAR Door (R-4.8)	Standard Code Door (R-2.9)	Per Door SqFt	New	0.26	20	$ 1	61%	-
Manufacture	Heat Central	Doors	Thermal Door (R-10)	Standard Code Door (R-2.9)	Per Door SqFt	Existing	0.47	20	$ 3	76%	-
Manufacture	Heat Central	Doors	Thermal Door (R-10)	Standard Code Door (R-2.9)	Per Door SqFt	New	0.46	20	$ 3	76%	-
Manufacture	Heat Central	Duct Sealing	4 CFM/100sqft of CFA	8 CFM/100sqft of CFA	Per Duct Sealing Installation	New	21.90	18	$ 333	0%	-
Manufacture	Heat Central	Duct Sealing	4 CFM/100sqft of CFA	Existing CFM/100sqft of CFA	Per Duct Sealing Installation	Existing	100.75	18	$ 960	0%	-
Manufacture	Heat Central	Duct Sealing	8 CFM/100sqft of CFA	Existing CFM/100sqft of CFA	Per Duct Sealing Installation	Existing	67.17	18	$ 587	0%	-
Manufacture	Heat Central	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	Existing	67.17	11	$ 612	56%	-
Manufacture	Heat Central	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	New	28.47	11	$ 612	64%	-

Manufacture	Heat Central	Infiltration Reduction	4.0 ACH50	7.0 ACH50	Per Building SqFt	New	0.03	11	$	0	61%	-
Manufacture	Heat Central	Infiltration Reduction	4.0 ACH50	Existing Infiltration (10 ACH50)	Per Building SqFt	Existing	0.09	11	$	0	19%	-
Manufacture	Heat Central	Infiltration Reduction	7.0 ACH50	Existing Infiltration (10 ACH50)	Per Building SqFt	Existing	0.04	11	$	0	72%	-
Manufacture	Heat Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-38 (To Code Zone 5)	Average Existing Insulation (R-15.7)	Per Insulated SqFt	Existing	0.06	20	$	1	21%	-
Manufacture	Heat Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (To Code Zone 6)	Average Existing Insulation (R-15.7)	Per Insulated SqFt	Existing	0.07	20	$	1	20%	-
Manufacture	Heat Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (Zone 5)	Code Insulation R-38 (Zone 5)	Per Insulated SqFt	Existing	0.01	20	$	0	45%	-
Manufacture	Heat Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (Zone 5)	Code Insulation R-38 (Zone 5)	Per Insulated SqFt	New	0.01	20	$	0	45%	-
Manufacture	Heat Central	Insulation - Basement Wall	Insulation Basement Wall (R-10 Zone 5)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	0.18	20	$	1	7%	-
Manufacture	Heat Central	Insulation - Basement Wall	Insulation Basement Wall (R-15 Zone 6)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	0.21	20	$	1	14%	-
Manufacture	Heat Central	Insulation - Duct	Insulation Duct (R-8)	No Duct Insulation	Per Duct Insulation Installation	Existing	28.55	20	$	366	0%	-
Manufacture	Heat Central	Insulation - Floor	Insulation Floor (R-30)	Average Existing Insulation (R-1.8)	Per Insulated SqFt	Existing	0.05	20	$	1	38%	-
Manufacture	Heat Central	Insulation - Rim/Band Joist	Insulation Rim and Band Joist (R-10)	No Rim And Band Joist Insulation	Per Insulated SqFt	Existing	0.11	20	$	1	11%	-
Manufacture	Heat Central	Insulation - Siding	Vinyl Siding with Foam Backing (R-3)	No Siding Insulation	Per Insulated SqFt	Existing	0.09	20	$	1	9%	-
Manufacture	Heat Central	Insulation - Skirting	Insulation Skirting for Manufactured Homes (R-	No Skirting	Per Insulated SqFt	Existing	0.07	20	$	1	9%	-
Manufacture	Heat Central	Insulation - Slab	Insulation Slab (R-15, 4ft)	Code Insulation (R-10, 4ft)	Per Insulated SqFt	New	0.03	20	$	0	13%	-
Manufacture	Heat Central	Insulation - Wall	Insulation Wall (R-13)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	0.19	20	$	1	3%	-
Manufacture	Heat Central	Insulation - Wall	Insulation Wall (R-20 or R-13 w/ R-5 sheathing)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	0.22	20	$	1	2%	-
Manufacture	Heat Central	Insulation - Wall	Insulation Wall (R-21 + R-5 sheathing)	Code Insulation (R-20 or R-13 w/ R-5	Per Insulated SqFt	New	0.02	20	$	0	87%	-
Manufacture	Heat Central	Integrated Space Heating and Water	84% CAE or Above	Standard Boiler AFUE 82% and Water Heater	Per Integrated Equipment	Existing	60.45	20	$	746	0%	-
Manufacture	Heat Central	Integrated Space Heating and Water	84% CAE or Above	Standard Boiler AFUE 82% and Water Heater	Per Integrated Equipment	New	39.42	20	$	746	0%	-
Manufacture	Heat Central	Quality Install Boiler	Quality Installation (QI)	Standard Installation	Per QI Install	Existing	33.58	5	$	300	38%	-
Manufacture	Heat Central	Quality Install Boiler	Quality Installation (QI)	Standard Installation	Per QI Install	New	21.90	5	$	300	38%	-
Manufacture	Heat Central	Thermostat - Multi-Zone	Individual Room Temperature Control for Major	Programmable Thermostat - Central Control	Per Programmable Control System	New	29.78	11	$	895	62%	-
Manufacture	Heat Central	Thermostat - Programmable	Setback Thermostat 5-1-1, 5-2 or 7-Day	Manual Thermostat	Per Programmable Control	Existing	23.51	15	$	33	79%	-
Manufacture	Heat Central	Thermostat - WiFi Programmable	WiFi Programmable Thermostat	Programmable Thermostat - Central Control	Per Programmable Control	Existing	23.58	15	$	167	82%	-
Manufacture	Heat Central	Thermostat - WiFi Programmable	WiFi Programmable Thermostat	Programmable Thermostat - Central Control	Per Programmable Control	New	15.37	15	$	167	90%	-
Manufacture	Heat Central	Tune-up - Boiler Maintenance	Boiler Maintenance (Tune-up)	Unmaintained Boiler	Per Tune-up	Existing	33.58	5	$	200	66%	-
Manufacture	Heat Central	Window - Upgrade	Code Window U-Factor = 0.35 (2009 IECC)	Existing Windows U-Factor	Per Window SqFt	Existing	0.35	20	$	25	24%	-
Manufacture	Heat Central	Window - Upgrade	ENERGY STAR U-Factor = 0.30	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	Existing	0.10	20	$	8	73%	-
Manufacture	Heat Central	Window - Upgrade	ENERGY STAR U-Factor = 0.30	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	New	0.09	20	$	8	82%	-
Manufacture	Heat Central	Window - Upgrade	Smart Window U-Factor = 0.22	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	Existing	0.25	20	$	33	61%	-
Manufacture	Heat Central	Window - Upgrade	Smart Window U-Factor = 0.22	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	New	0.24	20	$	33	68%	-
Manufacture	Heat Central	Doors	ENERGY STAR Door (R-4.8)	Standard Code Door (R-2.9)	Per Door SqFt	Existing	0.26	20	$	1	61%	8
Manufacture	Heat Central	Doors	ENERGY STAR Door (R-4.8)	Standard Code Door (R-2.9)	Per Door SqFt	New	0.23	20	$	1	61%	0
Manufacture	Heat Central	Doors	Thermal Door (R-10)	Standard Code Door (R-2.9)	Per Door SqFt	Existing	0.47	20	$	3	76%	314
Manufacture	Heat Central	Doors	Thermal Door (R-10)	Standard Code Door (R-2.9)	Per Door SqFt	New	0.42	20	$	3	76%	19
Manufacture	Heat Central	Duct Sealing	4 CFM/100sqft of CFA	8 CFM/100sqft of CFA	Per Duct Sealing Installation	New	18.92	18	$	333	61%	15
Manufacture	Heat Central	Duct Sealing	4 CFM/100sqft of CFA	Existing CFM/100sqft of CFA	Per Duct Sealing Installation	Existing	78.68	18	$	960	33%	526
Manufacture	Heat Central	Duct Sealing	8 CFM/100sqft of CFA	Existing CFM/100sqft of CFA	Per Duct Sealing Installation	Existing	52.46	18	$	587	61%	520
Manufacture	Heat Central	Furnace - 92% AFUE	92% AFUE	Federal Standard 90% AFUE Non-Weatherized	Per Household	Existing	11.36	20	$	103	100%	103
Manufacture	Heat Central	Furnace - 92% AFUE	92% AFUE	Federal Standard 90% AFUE Non-Weatherized	Per Household	New	8.20	20	$	103	100%	10
Manufacture	Heat Central	Furnace - 93% AFUE	93% AFUE	Federal Standard 90% AFUE Non-Weatherized	Per Household	Existing	16.86	20	$	276	100%	-
Manufacture	Heat Central	Furnace - 93% AFUE	93% AFUE	Federal Standard 90% AFUE Non-Weatherized	Per Household	New	12.16	20	$	276	100%	-
Manufacture	Heat Central	Furnace - 94% AFUE	94% AFUE	Federal Standard 90% AFUE Non-Weatherized	Per Household	Existing	22.24	20	$	623	100%	-
Manufacture	Heat Central	Furnace - 94% AFUE	94% AFUE	Federal Standard 90% AFUE Non-Weatherized	Per Household	New	16.04	20	$	623	100%	-
Manufacture	Heat Central	Furnace - 96% AFUE	96% AFUE	Federal Standard 90% AFUE Non-Weatherized	Per Household	Existing	32.66	20	$	817	100%	-
Manufacture	Heat Central	Furnace - 96% AFUE	96% AFUE	Federal Standard 90% AFUE Non-Weatherized	Per Household	New	23.56	20	$	817	100%	-
Manufacture	Heat Central	Furnace - Below Standard 78% AFUE	Below Standard 78% AFUE	Below Standard 78% AFUE	Per Household	Existing	-	10	$	-	100%	-
Manufacture	Heat Central	Furnace - Below Standard 78% AFUE	Below Standard 78% AFUE	Below Standard 78% AFUE	Per Household	New	-	10	$	-	100%	-
Manufacture	Heat Central	Furnace - Standard 90% AFUE	Federal Standard 90% AFUE Non-Weatherized	Federal Standard 90% AFUE Non-Weatherized	Per Household	Existing	-	20	$	-	100%	-
Manufacture	Heat Central	Furnace - Standard 90% AFUE	Federal Standard 90% AFUE Non-Weatherized	Federal Standard 90% AFUE Non-Weatherized	Per Household	New	-	20	$	-	100%	-
Manufacture	Heat Central	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	Existing	52.46	11	$	612	56%	518
Manufacture	Heat Central	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	New	24.60	11	$	612	64%	-
Manufacture	Heat Central	Infiltration Reduction	4.0 ACH50	7.0 ACH50	Per Building SqFt	New	0.02	11	$	0	61%	23
Manufacture	Heat Central	Infiltration Reduction	4.0 ACH50	Existing Infiltration (10 ACH50)	Per Building SqFt	Existing	0.07	11	$	0	19%	338
Manufacture	Heat Central	Infiltration Reduction	7.0 ACH50	Existing Infiltration (10 ACH50)	Per Building SqFt	Existing	0.03	11	$	0	72%	639
Manufacture	Heat Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-38 (To Code Zone 5)	Average Existing Insulation (R-15.7)	Per Insulated SqFt	Existing	0.06	20	$	1	21%	209
Manufacture	Heat Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (To Code Zone 6)	Average Existing Insulation (R-15.7)	Per Insulated SqFt	Existing	0.07	20	$	1	20%	233
Manufacture	Heat Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (Zone 5)	Code Insulation R-38 (Zone 5)	Per Insulated SqFt	Existing	0.01	20	$	0	45%	-
Manufacture	Heat Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (Zone 5)	Code Insulation R-38 (Zone 5)	Per Insulated SqFt	New	0.01	20	$	0	45%	-
Manufacture	Heat Central	Insulation - Basement Wall	Insulation Basement Wall (R-10 Zone 5)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	0.18	20	$	1	7%	125
Manufacture	Heat Central	Insulation - Basement Wall	Insulation Basement Wall (R-15 Zone 6)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	0.21	20	$	1	14%	303
Manufacture	Heat Central	Insulation - Duct	Insulation Duct (R-8)	No Duct Insulation	Per Duct Insulation Installation	Existing	22.29	20	$	366	71%	290

Manufacture	Heat Central	Insulation - Floor	Insulation Floor (R-30)	Average Existing Insulation (R-1.8)	Per Insulated SqFt	Existing	0.05	20	$ 1	38%	-
Manufacture	Heat Central	Insulation - Rim/Band Joist	Insulation Rim and Band Joist (R-10)	No Rim And Band Joist Insulation	Per Insulated SqFt	Existing	0.11	20	$ 1	11%	31
Manufacture	Heat Central	Insulation - Siding	Vinyl Siding with Foam Backing (R-3)	No Siding Insulation	Per Insulated SqFt	Existing	0.09	20	$ 1	9%	196
Manufacture	Heat Central	Insulation - Skirting	Insulation Skirting for Manufactured Homes (R-	No Skirting	Per Insulated SqFt	Existing	0.07	20	$ 1	9%	43
Manufacture	Heat Central	Insulation - Slab	Insulation Slab (R-15, 4ft)	Code Insulation (R-10, 4ft)	Per Insulated SqFt	New	0.03	20	$ 0	13%	-
Manufacture	Heat Central	Insulation - Wall	Insulation Wall (R-13)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	0.19	20	$ 1	3%	47
Manufacture	Heat Central	Insulation - Wall	Insulation Wall (R-20 or R-13 w/ R-5 sheathing)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	0.22	20	$ 1	2%	88
Manufacture	Heat Central	Insulation - Wall	Insulation Wall (R-21 + R-5 sheathing)	Code Insulation (R-20 or R-13 w/ R-5	Per Insulated SqFt	New	0.01	20	$ 0	87%	16
Manufacture	Heat Central	Quality Install Furnace	Quality Installation (QI)	Standard Installation	Per QI Install	Existing	10.49	5	$ 300	38%	-
Manufacture	Heat Central	Quality Install Furnace	Quality Installation (QI)	Standard Installation	Per QI Install	New	7.57	5	$ 300	38%	-
Manufacture	Heat Central	Thermostat - Multi-Zone	Individual Room Temperature Control for Major	Programmable Thermostat - Central Control	Per Programmable Control System	New	25.73	11	$ 895	62%	-
Manufacture	Heat Central	Thermostat - Programmable	Setback Thermostat 5-1-1, 5-2 or 7-Day	Manual Thermostat	Per Programmable Control	Existing	18.36	15	$ 33	79%	-
Manufacture	Heat Central	Thermostat - WiFi Programmable	WiFi Programmable Thermostat	Programmable Thermostat - Central Control	Per Programmable Control	Existing	18.41	15	$ 167	82%	119
Manufacture	Heat Central	Thermostat - WiFi Programmable	WiFi Programmable Thermostat	Programmable Thermostat - Central Control	Per Programmable Control	New	13.28	15	$ 167	90%	17
Manufacture	Heat Central	Tune-up - Furnace Maintenance	Furnace Maintenance (Tune-up)	Unmaintained Furnace	Per Tune-up	Existing	26.23	5	$ 200	66%	-
Manufacture	Heat Central	Window - Upgrade	Code Window U-Factor = 0.35 (2009 IECC)	Existing Windows U-Factor	Per Window SqFt	Existing	0.36	20	$ 25	24%	-
Manufacture	Heat Central	Window - Upgrade	ENERGY STAR U-Factor = 0.30	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	Existing	0.10	20	$ 8	73%	-
Manufacture	Heat Central	Window - Upgrade	ENERGY STAR U-Factor = 0.30	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	New	0.09	20	$ 8	82%	-
Manufacture	Heat Central	Window - Upgrade	Smart Window U-Factor = 0.22	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	Existing	0.26	20	$ 33	61%	-
Manufacture	Heat Central	Window - Upgrade	Smart Window U-Factor = 0.22	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	New	0.22	20	$ 33	68%	-
Manufacture	Other	Other	Other	Other	Per Unit	Existing	-	10	$ -	100%	-
Manufacture	Other	Other	Other	Other	Per Unit	New	-	10	$ -	100%	-
Manufacture	Water Heat	Clothes Washer	Clothes Washer Enhanced Efficiency MEF =	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	22.45	11	$ 790	83%	-
Manufacture	Water Heat	Clothes Washer	Clothes Washer Enhanced Efficiency MEF =	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	22.45	11	$ 790	83%	-
Manufacture	Water Heat	Clothes Washer	Clothes Washer CEE Tier 2 MEF = 2.2 and WF	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	16.16	11	$ 392	83%	-
Manufacture	Water Heat	Clothes Washer	Clothes Washer CEE Tier 2 MEF = 2.2 and WF	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	16.16	11	$ 392	83%	-
Manufacture	Water Heat	Clothes Washer	Clothes Washer CEE Tier 3 MEF = 2.4 and WF	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	17.97	11	$ 565	80%	-
Manufacture	Water Heat	Clothes Washer	Clothes Washer CEE Tier 3 MEF = 2.4 and WF	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	17.97	11	$ 565	80%	-
Manufacture	Water Heat	Clothes Washer	Clothes Washer ENERGY STAR MEF = 2.0 and	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	13.99	11	$ 135	81%	-
Manufacture	Water Heat	Clothes Washer	Clothes Washer ENERGY STAR MEF = 2.0 and	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	13.99	11	$ 135	81%	-
Manufacture	Water Heat	Clothes Washer	Steam Clothes Washer	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	22.46	11	$ 790	83%	-
Manufacture	Water Heat	Clothes Washer	Steam Clothes Washer	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	22.46	11	$ 790	83%	-
Manufacture	Water Heat	Dishwasher	Dishwasher Enhanced Efficiency (EF 1.00) 200	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	Existing	4.26	11	$ 1,067	47%	-
Manufacture	Water Heat	Dishwasher	Dishwasher Enhanced Efficiency (EF 1.00) 200	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	New	4.26	11	$ 1,067	47%	-
Manufacture	Water Heat	Dishwasher	ENERGY STAR 295 kWh/yr and 4.25	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	Existing	1.89	11	$ 272	16%	-
Manufacture	Water Heat	Dishwasher	ENERGY STAR 295 kWh/yr and 4.25	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	New	1.89	11	$ 272	16%	-
Manufacture	Water Heat	Drain-Water Heat Recovery	Drain-Water Heat Recovery	No Drain Water Heat Recovery	Per Drain-Water Heat Recovery System	Existing	41.05	40	$ 936	19%	-
Manufacture	Water Heat	Drain-Water Heat Recovery	Drain-Water Heat Recovery	No Drain Water Heat Recovery	Per Drain-Water Heat Recovery System	New	39.09	40	$ 936	71%	-
Manufacture	Water Heat	Faucet Aerators	0.5 GPM	2.2 GPM (Federal Code)	Per Faucet Aerator	Existing	5.81	10	$ 2	85%	52
Manufacture	Water Heat	Faucet Aerators	0.5 GPM	2.2 GPM (Federal Code)	Per Faucet Aerator	New	5.53	10	$ 2	90%	3
Manufacture	Water Heat	Faucet Aerators	1.5 GPM	2.2 GPM (Federal Code)	Per Faucet Aerator	Existing	2.39	10	$ 1	26%	0
Manufacture	Water Heat	Faucet Aerators	1.5 GPM	2.2 GPM (Federal Code)	Per Faucet Aerator	New	2.28	10	$ 1	28%	-
Manufacture	Water Heat	Faucet Aerators	2.0 GPM	2.2 GPM (Federal Code)	Per Faucet Aerator	Existing	0.68	10	$ 1	14%	-
Manufacture	Water Heat	Faucet Aerators	2.0 GPM	2.2 GPM (Federal Code)	Per Faucet Aerator	New	0.65	10	$ 1	15%	-
Manufacture	Water Heat	Faucet Aerators	2.2 GPM (Federal Code)	Existing Faucet Aerator GPM	Per Faucet Aerator	Existing	2.73	10	$ 3	9%	3
Manufacture	Water Heat	Integrated Space Heating and Water	84% CAE or Above	Standard Boiler AFUE 82% and Water Heater	Per Integrated Equipment	Existing	55.26	20	$ 746	0%	-
Manufacture	Water Heat	Integrated Space Heating and Water	84% CAE or Above	Standard Boiler AFUE 82% and Water Heater	Per Integrated Equipment	New	52.63	20	$ 746	0%	-
Manufacture	Water Heat	Low-Flow Showerheads	1.5 GPM - Showerhead	2.5 GPM (Federal Code)	Per Showerhead	Existing	13.68	10	$ 8	80%	116
Manufacture	Water Heat	Low-Flow Showerheads	1.5 GPM - Showerhead	2.5 GPM (Federal Code)	Per Showerhead	New	13.03	10	$ 8	80%	7
Manufacture	Water Heat	Low-Flow Showerheads	2.0 GPM - Showerhead	2.5 GPM (Federal Code)	Per Showerhead	Existing	6.84	10	$ 13	38%	1
Manufacture	Water Heat	Low-Flow Showerheads	2.0 GPM - Showerhead	2.5 GPM (Federal Code)	Per Showerhead	New	6.51	10	$ 13	38%	0
Manufacture	Water Heat	Low-Flow Showerheads	2.5 GPM (Federal Code)	Existing Showerhead GPM	Per Showerhead	Existing	6.84	10	$ 24	23%	17
Manufacture	Water Heat	Solar Hot Water (SHW)	Solar Thermal Collector	Standard Storage Hot Water Heater	Per Solar Water System	Existing	87.71	15	$ 6,238	15%	-
Manufacture	Water Heat	Solar Hot Water (SHW)	Solar Thermal Collector	Standard Storage Hot Water Heater	Per Solar Water System	New	83.53	15	$ 4,878	15%	-
Manufacture	Water Heat	Water Heater - Condensing	Condensing ENERGY STAR EF = 0.80 EF or =	EF = 0.59 Federal Standard 2001	Per Unit	Existing	45.68	11	$ 1,281	90%	-
Manufacture	Water Heat	Water Heater - Condensing	Condensing ENERGY STAR EF = 0.80 EF or =	EF = 0.59 Federal Standard 2001	Per Unit	New	43.50	11	$ 1,281	90%	-
Manufacture	Water Heat	Water Heater - Pipe Insulation	Hot Water Pipe Insulation (R-4)	No Pipe Insulation	Per Pipe Insulation	Existing	3.09	13	$ 6	14%	4
Manufacture	Water Heat	Water Heater - Pipe Insulation	Hot Water Pipe Insulation (R-4)	No Pipe Insulation	Per Pipe Insulation	New	3.09	13	$ 6	20%	0
Manufacture	Water Heat	Water Heater - Storage	Below Standard EF = 0.55	Below Standard EF = 0.55	Per Unit	Existing	-	6	$ -	100%	-
Manufacture	Water Heat	Water Heater - Storage	Below Standard EF = 0.55	Below Standard EF = 0.55	Per Unit	New	-	6	$ -	100%	-
Manufacture	Water Heat	Water Heater - Storage	EF = 0.59 Federal Standard 2001	Below Standard EF = 0.55	Per Unit	Existing	14.19	11	$ 562	100%	-
Manufacture	Water Heat	Water Heater - Storage	EF = 0.59 Federal Standard 2001	Below Standard EF = 0.55	Per Unit	New	13.52	11	$ 562	100%	-
Manufacture	Water Heat	Water Heater - Storage	EF = 0.62 Federal Standard 2015	EF = 0.59 Federal Standard 2001	Per Unit	Existing	6.06	11	$ 43	100%	-

Manufacture	Water Heat	Water Heater - Storage	EF = 0.62 Federal Standard 2015	EF = 0.59 Federal Standard 2001	Per Unit	New	5.77	11	$ 43	100%	-
Manufacture	Water Heat	Water Heater - Storage	Storage ENERGY STAR EF = 0.67 = 40 Gallon	EF = 0.59 Federal Standard 2001	Per Unit	Existing	20.12	11	$ 261	100%	-
Manufacture	Water Heat	Water Heater - Storage	Storage ENERGY STAR EF = 0.67 = 40 Gallon	EF = 0.59 Federal Standard 2001	Per Unit	New	19.16	11	$ 261	100%	-
Manufacture	Water Heat	Water Heater - Tank Blanket/Insulation	Install Insulation (R-11)	No Tank Insulation	Per Tank Wrap	Existing	11.40	13	$ 18	17%	19
Manufacture	Water Heat	Water Heater - Tankless	Tankless ENERGY STAR EF = 0.82	EF = 0.59 Federal Standard 2001	Per Unit	Existing	48.89	20	$ 832	90%	-
Manufacture	Water Heat	Water Heater - Tankless	Tankless ENERGY STAR EF = 0.82	EF = 0.59 Federal Standard 2001	Per Unit	New	46.56	20	$ 693	90%	-
Manufacture	Water Heat	Water Heater - Thermostat Setback	120 Degrees	135 Degrees	Per Set-Back	Existing	33.52	4	$ 10	5%	16
Manufacture	Water Heat	Water Heater - Thermostat Setback	120 Degrees	135 Degrees	Per Set-Back	New	31.92	4	$ 10	5%	1
Multi Family	Cooking	Oven - Convection	Convection Oven	Standard Oven	Per Unit	Existing	10.67	19	$ 126	100%	-
Multi Family	Cooking	Oven - Convection	Convection Oven	Standard Oven	Per Unit	New	10.67	19	$ 126	100%	-
Multi Family	Cooking	Oven - Standard	Standard Oven	Standard Oven	Per Unit	Existing	-	19	$ -	100%	-
Multi Family	Cooking	Oven - Standard	Standard Oven	Standard Oven	Per Unit	New	-	19	$ -	100%	-
Multi Family	Cooking	Cooking Range - Standard	Standard Cooking Range	Standard Cooking Range	Per Unit	Existing	-	19	$ -	100%	-
Multi Family	Cooking	Cooking Range - Standard	Standard Cooking Range	Standard Cooking Range	Per Unit	New	-	19	$ -	100%	-
Multi Family	Dryer	Clothes Dryer - Moisture Sensor	Clothes Dryer w/ Moisture Sensor	Standard Dryer without Moisture Sensor	Per Unit	Existing	4.08	11	$ 209	100%	-
Multi Family	Dryer	Clothes Dryer - Moisture Sensor	Clothes Dryer w/ Moisture Sensor	Standard Dryer without Moisture Sensor	Per Unit	New	4.08	11	$ 209	100%	-
Multi Family	Dryer	Clothes Dryer - Standard without	Standard Dryer without Moisture Sensor	Standard Dryer without Moisture Sensor	Per Unit	Existing	-	11	$ -	100%	-
Multi Family	Dryer	Clothes Dryer - Standard without	Standard Dryer without Moisture Sensor	Standard Dryer without Moisture Sensor	Per Unit	New	-	11	$ -	100%	-
Multi Family	Heat Central	Boiler - 85% AFUE	85% AFUE	Federal Standard 82% AFUE (EISA 2007)	Per Household	Existing	11.74	20	$ 314	100%	-
Multi Family	Heat Central	Boiler - 85% AFUE	85% AFUE	Federal Standard 82% AFUE (EISA 2007)	Per Household	New	9.65	20	$ 314	100%	-
Multi Family	Heat Central	Boiler - 90% AFUE	90% AFUE	Federal Standard 82% AFUE (EISA 2007)	Per Household	Existing	17.42	20	$ 2,038	100%	-
Multi Family	Heat Central	Boiler - 90% AFUE	90% AFUE	Federal Standard 82% AFUE (EISA 2007)	Per Household	New	14.31	20	$ 2,038	100%	-
Multi Family	Heat Central	Boiler - 94% AFUE	94% AFUE	Federal Standard 82% AFUE (EISA 2007)	Per Household	Existing	22.98	20	$ 2,457	100%	-
Multi Family	Heat Central	Boiler - 94% AFUE	94% AFUE	Federal Standard 82% AFUE (EISA 2007)	Per Household	New	18.88	20	$ 2,457	100%	-
Multi Family	Heat Central	Boiler - 96% AFUE	96% AFUE	Federal Standard 82% AFUE (EISA 2007)	Per Household	Existing	33.75	20	$ 2,895	100%	-
Multi Family	Heat Central	Boiler - 96% AFUE	96% AFUE	Federal Standard 82% AFUE (EISA 2007)	Per Household	New	27.73	20	$ 2,895	100%	-
Multi Family	Heat Central	Boiler - Below Standard 80% AFUE	Below Standard 80% AFUE	Below Standard 80% AFUE	Per Household	Existing	-	10	$ -	100%	-
Multi Family	Heat Central	Boiler - Below Standard 80% AFUE	Below Standard 80% AFUE	Below Standard 80% AFUE	Per Household	New	-	10	$ -	100%	-
Multi Family	Heat Central	Boiler - Controls	Boiler Controls	No Boiler Control	Per Boiler Control	Existing	27.04	20	$ 384	50%	-
Multi Family	Heat Central	Boiler - Pipe Insulation	R-6	No Insulation	Per Pipe Insulation	Existing	9.00	15	$ 44	23%	1
Multi Family	Heat Central	Boiler - Standard 82% AFUE	Federal Standard 82% AFUE (EISA 2007)	Federal Standard 82% AFUE (EISA 2007)	Per Household	Existing	-	20	$ -	100%	-
Multi Family	Heat Central	Boiler - Standard 82% AFUE	Federal Standard 82% AFUE (EISA 2007)	Federal Standard 82% AFUE (EISA 2007)	Per Household	New	-	20	$ -	100%	-
Multi Family	Heat Central	Doors	ENERGY STAR Door (R-4.8)	Standard Code Door (R-2.9)	Per Door SqFt	Existing	0.26	20	$ 1	32%	1
Multi Family	Heat Central	Doors	ENERGY STAR Door (R-4.8)	Standard Code Door (R-2.9)	Per Door SqFt	New	0.26	20	$ 1	32%	0
Multi Family	Heat Central	Doors	Thermal Door (R-10)	Standard Code Door (R-2.9)	Per Door SqFt	Existing	0.47	20	$ 3	40%	3
Multi Family	Heat Central	Doors	Thermal Door (R-10)	Standard Code Door (R-2.9)	Per Door SqFt	New	0.46	20	$ 3	40%	0
Multi Family	Heat Central	Duct Sealing	4 CFM/100sqft of CFA	8 CFM/100sqft of CFA	Per Duct Sealing Installation	New	22.22	18	$ 333	0%	-
Multi Family	Heat Central	Duct Sealing	4 CFM/100sqft of CFA	Existing CFM/100sqft of CFA	Per Duct Sealing Installation	Existing	81.11	18	$ 960	0%	-
Multi Family	Heat Central	Duct Sealing	8 CFM/100sqft of CFA	Existing CFM/100sqft of CFA	Per Duct Sealing Installation	Existing	54.07	18	$ 587	0%	-
Multi Family	Heat Central	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof sqft	New	0.01	30	$ 13	88%	-
Multi Family	Heat Central	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	Existing	54.07	11	$ 612	15%	6
Multi Family	Heat Central	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	New	28.88	11	$ 612	20%	-
Multi Family	Heat Central	Infiltration Reduction	4.0 ACH50	7.0 ACH50	Per Building SqFt	New	0.03	11	$ 0	42%	1
Multi Family	Heat Central	Infiltration Reduction	4.0 ACH50	Existing Infiltration (10 ACH50)	Per Building SqFt	Existing	0.07	11	$ 0	19%	11
Multi Family	Heat Central	Infiltration Reduction	7.0 ACH50	Existing Infiltration (10 ACH50)	Per Building SqFt	Existing	0.04	11	$ 0	63%	18
Multi Family	Heat Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-38 (To Code Zone 5)	Average Existing Insulation (R-15.7)	Per Insulated SqFt	Existing	0.06	20	$ 1	9%	4
Multi Family	Heat Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (To Code Zone 6)	Average Existing Insulation (R-15.7)	Per Insulated SqFt	Existing	0.07	20	$ 1	9%	4
Multi Family	Heat Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (Zone 5)	Code Insulation R-38 (Zone 5)	Per Insulated SqFt	Existing	0.01	20	$ 0	16%	-
Multi Family	Heat Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (Zone 5)	Code Insulation R-38 (Zone 5)	Per Insulated SqFt	New	0.01	20	$ 0	16%	-
Multi Family	Heat Central	Insulation - Basement Wall	Insulation Basement Wall (R-10 Zone 5)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	0.18	20	$ 1	7%	4
Multi Family	Heat Central	Insulation - Basement Wall	Insulation Basement Wall (R-15 Zone 6)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	0.21	20	$ 1	14%	11
Multi Family	Heat Central	Insulation - Duct	Insulation Duct (R-8)	No Duct Insulation	Per Duct Insulation Installation	Existing	22.98	20	$ 375	0%	-
Multi Family	Heat Central	Insulation - Floor	Insulation Floor (R-30)	Average Existing Insulation (R-1.8)	Per Insulated SqFt	Existing	0.05	20	$ 1	57%	-
Multi Family	Heat Central	Insulation - Rim/Band Joist	Insulation Rim and Band Joist (R-10)	No Rim And Band Joist Insulation	Per Insulated SqFt	Existing	0.11	20	$ 1	8%	1
Multi Family	Heat Central	Insulation - Siding	Vinyl Siding with Foam Backing (R-3)	No Siding Insulation	Per Insulated SqFt	Existing	0.09	20	$ 1	9%	3
Multi Family	Heat Central	Insulation - Slab	Insulation Slab (R-15, 4ft)	Code Insulation (R-10, 4ft)	Per Insulated SqFt	New	0.03	20	$ 0	26%	-
Multi Family	Heat Central	Insulation - Wall	Insulation Wall (R-13)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	0.19	20	$ 1	3%	1
Multi Family	Heat Central	Insulation - Wall	Insulation Wall (R-20 or R-13 w/ R-5 sheathing)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	0.22	20	$ 1	1%	1
Multi Family	Heat Central	Insulation - Wall	Insulation Wall (R-21 + R-5 sheathing)	Code Insulation (R-20 or R-13 w/ R-5	Per Insulated SqFt	New	0.02	20	$ 0	90%	0
Multi Family	Heat Central	Integrated Space Heating and Water	84% CAE or Above	Standard Boiler AFUE 82% and Water Heater	Per Integrated Equipment	Existing	48.66	20	$ 746	0%	-
Multi Family	Heat Central	Integrated Space Heating and Water	84% CAE or Above	Standard Boiler AFUE 82% and Water Heater	Per Integrated Equipment	New	39.99	20	$ 746	0%	-
Multi Family	Heat Central	Quality Install Boiler	Quality Installation (QI)	Standard Installation	Per QI Install	Existing	27.04	5	$ 300	38%	-
Multi Family	Heat Central	Quality Install Boiler	Quality Installation (QI)	Standard Installation	Per QI Install	New	22.22	5	$ 300	38%	-

Multi Family	Heat Central	Thermostat - Multi-Zone	Individual Room Temperature Control for Major	Programmable Thermostat - Central Control	Per Programmable Control System	New	30.22	11	$ 895	62%	-
Multi Family	Heat Central	Thermostat - Programmable	Setback Thermostat 5-1-1, 5-2 or 7-Day	Manual Thermostat	Per Programmable Control	Existing	18.92	15	$ 33	48%	2
Multi Family	Heat Central	Thermostat - WiFi Programmable	WiFi Programmable Thermostat	Programmable Thermostat - Central Control	Per Programmable Control	Existing	18.98	15	$ 167	50%	7
Multi Family	Heat Central	Thermostat - WiFi Programmable	WiFi Programmable Thermostat	Programmable Thermostat - Central Control	Per Programmable Control	New	15.60	15	$ 167	62%	0
Multi Family	Heat Central	Tune-up - Boiler Maintenance	Boiler Maintenance (Tune-up)	Unmaintained Boiler	Per Tune-up	Existing	27.04	5	$ 200	66%	-
Multi Family	Heat Central	Window - Upgrade	Code Window U-Factor = 0.35 (2009 IECC)	Existing Windows U-Factor	Per Window SqFt	Existing	0.35	20	$ 19	24%	-
Multi Family	Heat Central	Window - Upgrade	ENERGY STAR U-Factor = 0.30	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	Existing	0.10	20	$ 3	73%	-
Multi Family	Heat Central	Window - Upgrade	ENERGY STAR U-Factor = 0.30	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	New	0.09	20	$ 3	82%	-
Multi Family	Heat Central	Window - Upgrade	Smart Window U-Factor = 0.22	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	Existing	0.25	20	$ 28	61%	-
Multi Family	Heat Central	Window - Upgrade	Smart Window U-Factor = 0.22	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	New	0.24	20	$ 28	68%	-
Multi Family	Heat Central	Doors	ENERGY STAR Door (R-4.8)	Standard Code Door (R-2.9)	Per Door SqFt	Existing	0.26	20	$ 1	32%	69
Multi Family	Heat Central	Doors	ENERGY STAR Door (R-4.8)	Standard Code Door (R-2.9)	Per Door SqFt	New	0.23	20	$ 1	32%	4
Multi Family	Heat Central	Doors	Thermal Door (R-10)	Standard Code Door (R-2.9)	Per Door SqFt	Existing	0.47	20	$ 3	40%	148
Multi Family	Heat Central	Doors	Thermal Door (R-10)	Standard Code Door (R-2.9)	Per Door SqFt	New	0.42	20	$ 3	40%	8
Multi Family	Heat Central	Duct Sealing	4 CFM/100sqft of CFA	8 CFM/100sqft of CFA	Per Duct Sealing Installation	New	12.39	18	$ 333	54%	-
Multi Family	Heat Central	Duct Sealing	4 CFM/100sqft of CFA	Existing CFM/100sqft of CFA	Per Duct Sealing Installation	Existing	52.16	18	$ 960	24%	390
Multi Family	Heat Central	Duct Sealing	8 CFM/100sqft of CFA	Existing CFM/100sqft of CFA	Per Duct Sealing Installation	Existing	34.77	18	$ 587	54%	626
Multi Family	Heat Central	Furnace - 92% AFUE	92% AFUE	Federal Standard 90% AFUE Non-Weatherized	Per Household	Existing	7.54	20	$ 83	100%	124
Multi Family	Heat Central	Furnace - 92% AFUE	92% AFUE	Federal Standard 90% AFUE Non-Weatherized	Per Household	New	5.37	20	$ 83	100%	-
Multi Family	Heat Central	Furnace - 93% AFUE	93% AFUE	Federal Standard 90% AFUE Non-Weatherized	Per Household	Existing	11.18	20	$ 220	100%	-
Multi Family	Heat Central	Furnace - 93% AFUE	93% AFUE	Federal Standard 90% AFUE Non-Weatherized	Per Household	New	7.97	20	$ 220	100%	-
Multi Family	Heat Central	Furnace - 94% AFUE	94% AFUE	Federal Standard 90% AFUE Non-Weatherized	Per Household	Existing	14.75	20	$ 498	100%	-
Multi Family	Heat Central	Furnace - 94% AFUE	94% AFUE	Federal Standard 90% AFUE Non-Weatherized	Per Household	New	10.51	20	$ 498	100%	-
Multi Family	Heat Central	Furnace - 96% AFUE	96% AFUE	Federal Standard 90% AFUE Non-Weatherized	Per Household	Existing	21.67	20	$ 653	100%	-
Multi Family	Heat Central	Furnace - 96% AFUE	96% AFUE	Federal Standard 90% AFUE Non-Weatherized	Per Household	New	15.44	20	$ 653	100%	-
Multi Family	Heat Central	Furnace - Below Standard 78% AFUE	Below Standard 78% AFUE	Below Standard 78% AFUE	Per Household	Existing	-	10	$ -	100%	-
Multi Family	Heat Central	Furnace - Below Standard 78% AFUE	Below Standard 78% AFUE	Below Standard 78% AFUE	Per Household	New	-	10	$ -	100%	-
Multi Family	Heat Central	Furnace - Standard 90% AFUE	Federal Standard 90% AFUE Non-Weatherized	Federal Standard 90% AFUE Non-Weatherized	Per Household	Existing	-	20	$ -	100%	-
Multi Family	Heat Central	Furnace - Standard 90% AFUE	Federal Standard 90% AFUE Non-Weatherized	Federal Standard 90% AFUE Non-Weatherized	Per Household	New	-	20	$ -	100%	-
Multi Family	Heat Central	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof sqft	New	0.01	30	$ 13	88%	-
Multi Family	Heat Central	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	Existing	34.77	11	$ 612	15%	-
Multi Family	Heat Central	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	New	16.10	11	$ 612	20%	-
Multi Family	Heat Central	Infiltration Reduction	4.0 ACH50	7.0 ACH50	Per Building SqFt	New	0.02	11	$ 0	42%	19
Multi Family	Heat Central	Infiltration Reduction	4.0 ACH50	Existing Infiltration (10 ACH50)	Per Building SqFt	Existing	0.05	11	$ 0	19%	345
Multi Family	Heat Central	Infiltration Reduction	7.0 ACH50	Existing Infiltration (10 ACH50)	Per Building SqFt	Existing	0.02	11	$ 0	63%	581
Multi Family	Heat Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-38 (To Code Zone 5)	Average Existing Insulation (R-15.7)	Per Insulated SqFt	Existing	0.06	20	$ 1	9%	170
Multi Family	Heat Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (To Code Zone 6)	Average Existing Insulation (R-15.7)	Per Insulated SqFt	Existing	0.07	20	$ 1	9%	196
Multi Family	Heat Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (Zone 5)	Code Insulation R-38 (Zone 5)	Per Insulated SqFt	Existing	0.01	20	$ 0	16%	-
Multi Family	Heat Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (Zone 5)	Code Insulation R-38 (Zone 5)	Per Insulated SqFt	New	0.01	20	$ 0	16%	-
Multi Family	Heat Central	Insulation - Basement Wall	Insulation Basement Wall (R-10 Zone 5)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	0.18	20	$ 1	7%	238
Multi Family	Heat Central	Insulation - Basement Wall	Insulation Basement Wall (R-15 Zone 6)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	0.21	20	$ 1	14%	613
Multi Family	Heat Central	Insulation - Duct	Insulation Duct (R-8)	No Duct Insulation	Per Duct Insulation Installation	Existing	14.78	20	$ 375	71%	-
Multi Family	Heat Central	Insulation - Floor	Insulation Floor (R-30)	Average Existing Insulation (R-1.8)	Per Insulated SqFt	Existing	0.05	20	$ 1	57%	-
Multi Family	Heat Central	Insulation - Rim/Band Joist	Insulation Rim and Band Joist (R-10)	No Rim And Band Joist Insulation	Per Insulated SqFt	Existing	0.11	20	$ 1	8%	35
Multi Family	Heat Central	Insulation - Siding	Vinyl Siding with Foam Backing (R-3)	No Siding Insulation	Per Insulated SqFt	Existing	0.09	20	$ 1	9%	159
Multi Family	Heat Central	Insulation - Slab	Insulation Slab (R-15, 4ft)	Code Insulation (R-10, 4ft)	Per Insulated SqFt	New	0.03	20	$ 0	26%	-
Multi Family	Heat Central	Insulation - Wall	Insulation Wall (R-13)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	0.19	20	$ 1	3%	76
Multi Family	Heat Central	Insulation - Wall	Insulation Wall (R-20 or R-13 w/ R-5 sheathing)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	0.22	20	$ 1	1%	30
Multi Family	Heat Central	Insulation - Wall	Insulation Wall (R-21 + R-5 sheathing)	Code Insulation (R-20 or R-13 w/ R-5	Per Insulated SqFt	New	0.01	20	$ 0	90%	15
Multi Family	Heat Central	Quality Install Furnace	Quality Installation (QI)	Standard Installation	Per QI Install	Existing	6.95	5	$ 300	38%	-
Multi Family	Heat Central	Quality Install Furnace	Quality Installation (QI)	Standard Installation	Per QI Install	New	4.96	5	$ 300	38%	-
Multi Family	Heat Central	Thermostat - Multi-Zone	Individual Room Temperature Control for Major	Programmable Thermostat - Central Control	Per Programmable Control System	New	16.85	11	$ 895	62%	-
Multi Family	Heat Central	Thermostat - Programmable	Setback Thermostat 5-1-1, 5-2 or 7-Day	Manual Thermostat	Per Programmable Control	Existing	12.17	15	$ 33	48%	128
Multi Family	Heat Central	Thermostat - WiFi Programmable	WiFi Programmable Thermostat	Programmable Thermostat - Central Control	Per Programmable Control	Existing	12.21	15	$ 167	50%	207
Multi Family	Heat Central	Thermostat - WiFi Programmable	WiFi Programmable Thermostat	Programmable Thermostat - Central Control	Per Programmable Control	New	8.70	15	$ 167	62%	13
Multi Family	Heat Central	Tune-up - Furnace Maintenance	Furnace Maintenance (Tune-up)	Unmaintained Furnace	Per Tune-up	Existing	17.39	5	$ 200	66%	-
Multi Family	Heat Central	Window - Upgrade	Code Window U-Factor = 0.35 (2009 IECC)	Existing Windows U-Factor	Per Window SqFt	Existing	0.36	20	$ 19	24%	-
Multi Family	Heat Central	Window - Upgrade	ENERGY STAR U-Factor = 0.30	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	Existing	0.10	20	$ 3	73%	-
Multi Family	Heat Central	Window - Upgrade	ENERGY STAR U-Factor = 0.30	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	New	0.09	20	$ 3	82%	-
Multi Family	Heat Central	Window - Upgrade	Smart Window U-Factor = 0.22	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	Existing	0.26	20	$ 28	61%	-
Multi Family	Heat Central	Window - Upgrade	Smart Window U-Factor = 0.22	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	New	0.22	20	$ 28	68%	-
Multi Family	Other	Other	Other	Other	Per Unit	Existing	-	10	$ -	100%	-
Multi Family	Other	Other	Other	Other	Per Unit	New	-	10	$ -	100%	-

Multi Family	Water Heat	Clothes Washer	Clothes Washer Enhanced Efficiency MEF =	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	16.21	11	$ 790	48%	-
Multi Family	Water Heat	Clothes Washer	Clothes Washer Enhanced Efficiency MEF =	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	16.21	11	$ 790	48%	-
Multi Family	Water Heat	Clothes Washer	Clothes Washer CEE Tier 2 MEF = 2.2 and WF	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	11.67	11	$ 392	44%	-
Multi Family	Water Heat	Clothes Washer	Clothes Washer CEE Tier 2 MEF = 2.2 and WF	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	11.67	11	$ 392	46%	-
Multi Family	Water Heat	Clothes Washer	Clothes Washer CEE Tier 3 MEF = 2.4 and WF	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	12.97	11	$ 565	46%	-
Multi Family	Water Heat	Clothes Washer	Clothes Washer CEE Tier 3 MEF = 2.4 and WF	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	12.97	11	$ 565	46%	-
Multi Family	Water Heat	Clothes Washer	Clothes Washer ENERGY STAR MEF = 2.0 and	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	10.10	11	$ 135	37%	-
Multi Family	Water Heat	Clothes Washer	Clothes Washer ENERGY STAR MEF = 2.0 and	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	10.10	11	$ 135	37%	-
Multi Family	Water Heat	Clothes Washer	Steam Clothes Washer	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	16.21	11	$ 790	48%	-
Multi Family	Water Heat	Clothes Washer	Steam Clothes Washer	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	16.21	11	$ 790	48%	-
Multi Family	Water Heat	Dishwasher	Dishwasher Enhanced Efficiency (EF 1.00) 200	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	Existing	4.26	11	$ 1,067	47%	-
Multi Family	Water Heat	Dishwasher	Dishwasher Enhanced Efficiency (EF 1.00) 200	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	New	4.26	11	$ 1,067	47%	-
Multi Family	Water Heat	Dishwasher	ENERGY STAR 295 kWh/yr and 4.25	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	Existing	1.89	11	$ 272	16%	-
Multi Family	Water Heat	Dishwasher	ENERGY STAR 295 kWh/yr and 4.25	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	New	1.89	11	$ 272	16%	-
Multi Family	Water Heat	Drain-Water Heat Recovery	Drain-Water Heat Recovery	No Drain Water Heat Recovery	Per Drain-Water Heat Recovery System	Existing	29.61	40	$ 936	10%	-
Multi Family	Water Heat	Drain-Water Heat Recovery	Drain-Water Heat Recovery	No Drain Water Heat Recovery	Per Drain-Water Heat Recovery System	New	28.20	40	$ 936	71%	-
Multi Family	Water Heat	Faucet Aerators	0.5 GPM	2.2 GPM (Federal Code)	Per Faucet Aerator	Existing	5.03	10	$ 2	85%	92
Multi Family	Water Heat	Faucet Aerators	0.5 GPM	2.2 GPM (Federal Code)	Per Faucet Aerator	New	4.79	10	$ 2	90%	6
Multi Family	Water Heat	Faucet Aerators	1.5 GPM	2.2 GPM (Federal Code)	Per Faucet Aerator	Existing	2.07	10	$ 1	26%	1
Multi Family	Water Heat	Faucet Aerators	1.5 GPM	2.2 GPM (Federal Code)	Per Faucet Aerator	New	1.97	10	$ 1	28%	-
Multi Family	Water Heat	Faucet Aerators	2.0 GPM	2.2 GPM (Federal Code)	Per Faucet Aerator	Existing	0.59	10	$ 1	14%	-
Multi Family	Water Heat	Faucet Aerators	2.0 GPM	2.2 GPM (Federal Code)	Per Faucet Aerator	New	0.56	10	$ 1	15%	-
Multi Family	Water Heat	Faucet Aerators	2.2 GPM (Federal Code)	Existing Faucet Aerator GPM	Per Faucet Aerator	Existing	2.37	10	$ 3	9%	5
Multi Family	Water Heat	Hot Tub Covers	Hot Tub Covers R-21	Existing Cover R-10	Per Hot Tub Cover	Existing	7.83	6	$ 524	1%	-
Multi Family	Water Heat	Integrated Space Heating and Water	84% CAE or Above	Standard Boiler AFUE 82% and Water Heater	Per Integrated Equipment	Existing	39.86	20	$ 746	0%	-
Multi Family	Water Heat	Integrated Space Heating and Water	84% CAE or Above	Standard Boiler AFUE 82% and Water Heater	Per Integrated Equipment	New	37.96	20	$ 746	0%	-
Multi Family	Water Heat	Low-Flow Showerheads	1.5 GPM - Showerhead	2.5 GPM (Federal Code)	Per Showerhead	Existing	14.82	10	$ 8	80%	255
Multi Family	Water Heat	Low-Flow Showerheads	1.5 GPM - Showerhead	2.5 GPM (Federal Code)	Per Showerhead	New	14.11	10	$ 8	80%	15
Multi Family	Water Heat	Low-Flow Showerheads	2.0 GPM - Showerhead	2.5 GPM (Federal Code)	Per Showerhead	Existing	7.41	10	$ 13	38%	3
Multi Family	Water Heat	Low-Flow Showerheads	2.0 GPM - Showerhead	2.5 GPM (Federal Code)	Per Showerhead	New	7.05	10	$ 13	38%	0
Multi Family	Water Heat	Low-Flow Showerheads	2.5 GPM (Federal Code)	Existing Showerhead GPM	Per Showerhead	Existing	7.41	10	$ 24	23%	37
Multi Family	Water Heat	Solar Hot Water (SHW)	Solar Thermal Collector	Standard Storage Hot Water Heater	Per Solar Water System	Existing	63.26	15	$ 6,238	15%	-
Multi Family	Water Heat	Solar Hot Water (SHW)	Solar Thermal Collector	Standard Storage Hot Water Heater	Per Solar Water System	New	60.25	15	$ 4,878	15%	-
Multi Family	Water Heat	Water Heater - Condensing	Condensing ENERGY STAR EF = 0.80 EF or =	EF = 0.59 Federal Standard 2001	Per Unit	Existing	32.98	11	$ 1,281	90%	-
Multi Family	Water Heat	Water Heater - Condensing	Condensing ENERGY STAR EF = 0.80 EF or =	EF = 0.59 Federal Standard 2001	Per Unit	New	31.41	11	$ 1,281	90%	-
Multi Family	Water Heat	Water Heater - Pipe Insulation	Hot Water Pipe Insulation (R-4)	No Pipe Insulation	Per Pipe Insulation	Existing	3.09	13	$ 6	10%	6
Multi Family	Water Heat	Water Heater - Pipe Insulation	Hot Water Pipe Insulation (R-4)	No Pipe Insulation	Per Pipe Insulation	New	3.09	13	$ 6	15%	1
Multi Family	Water Heat	Water Heater - Storage	Below Standard EF = 0.55	Below Standard EF = 0.55	Per Unit	Existing	-	6	$ -	100%	-
Multi Family	Water Heat	Water Heater - Storage	Below Standard EF = 0.55	Below Standard EF = 0.55	Per Unit	New	-	6	$ -	100%	-
Multi Family	Water Heat	Water Heater - Storage	EF = 0.59 Federal Standard 2001	Below Standard EF = 0.55	Per Unit	Existing	10.25	11	$ 562	100%	-
Multi Family	Water Heat	Water Heater - Storage	EF = 0.59 Federal Standard 2001	Below Standard EF = 0.55	Per Unit	New	9.76	11	$ 562	100%	-
Multi Family	Water Heat	Water Heater - Storage	EF = 0.62 Federal Standard 2015	EF = 0.59 Federal Standard 2001	Per Unit	Existing	4.37	11	$ 43	100%	-
Multi Family	Water Heat	Water Heater - Storage	EF = 0.62 Federal Standard 2015	EF = 0.59 Federal Standard 2001	Per Unit	New	4.16	11	$ 43	100%	-
Multi Family	Water Heat	Water Heater - Storage	Storage ENERGY STAR EF = 0.67 = 40 Gallon	EF = 0.59 Federal Standard 2001	Per Unit	Existing	14.53	11	$ 261	100%	-
Multi Family	Water Heat	Water Heater - Storage	Storage ENERGY STAR EF = 0.67 = 40 Gallon	EF = 0.59 Federal Standard 2001	Per Unit	New	13.83	11	$ 261	100%	-
Multi Family	Water Heat	Water Heater - Tank Blanket/Insulation	Install Insulation (R-11)	No Tank Insulation	Per Tank Wrap	Existing	8.22	13	$ 18	13%	20
Multi Family	Water Heat	Water Heater - Tankless	Tankless ENERGY STAR EF = 0.82	EF = 0.59 Federal Standard 2001	Per Unit	Existing	35.30	20	$ 832	90%	-
Multi Family	Water Heat	Water Heater - Tankless	Tankless ENERGY STAR EF = 0.82	EF = 0.59 Federal Standard 2001	Per Unit	New	33.61	20	$ 693	90%	-
Multi Family	Water Heat	Water Heater - Thermostat Setback	120 Degrees	135 Degrees	Per Set-Back	Existing	24.18	4	$ 10	13%	59
Multi Family	Water Heat	Water Heater - Thermostat Setback	120 Degrees	135 Degrees	Per Set-Back	New	23.03	4	$ 10	13%	3
Single	Cooking	Oven - Convection	Convection Oven	Standard Oven	Per Unit	Existing	10.67	19	$ 126	100%	-
Single	Cooking	Oven - Convection	Convection Oven	Standard Oven	Per Unit	New	10.67	19	$ 126	100%	-
Single	Cooking	Oven - Standard	Standard Oven	Standard Oven	Per Unit	Existing	-	19	$ -	100%	-
Single	Cooking	Oven - Standard	Standard Oven	Standard Oven	Per Unit	New	-	19	$ -	100%	-
Single	Cooking	Cooking Range - Standard	Standard Cooking Range	Standard Cooking Range	Per Unit	Existing	-	19	$ -	100%	-
Single	Cooking	Cooking Range - Standard	Standard Cooking Range	Standard Cooking Range	Per Unit	New	-	19	$ -	100%	-
Single	Dryer	Clothes Dryer - Moisture Sensor	Clothes Dryer w/ Moisture Sensor	Standard Dryer without Moisture Sensor	Per Unit	Existing	5.42	11	$ 209	100%	-
Single	Dryer	Clothes Dryer - Moisture Sensor	Clothes Dryer w/ Moisture Sensor	Standard Dryer without Moisture Sensor	Per Unit	New	5.42	11	$ 209	100%	-
Single	Dryer	Clothes Dryer - Standard without	Standard Dryer without Moisture Sensor	Standard Dryer without Moisture Sensor	Per Unit	Existing	-	11	$ -	100%	-
Single	Dryer	Clothes Dryer - Standard without	Standard Dryer without Moisture Sensor	Standard Dryer without Moisture Sensor	Per Unit	New	-	11	$ -	100%	-
Single	Heat Central	Boiler - 85% AFUE	85% AFUE	Federal Standard 82% AFUE (EISA 2007)	Per Household	Existing	16.37	20	$ 471	100%	-
Single	Heat Central	Boiler - 85% AFUE	85% AFUE	Federal Standard 82% AFUE (EISA 2007)	Per Household	New	15.03	20	$ 471	100%	-
Single	Heat Central	Boiler - 90% AFUE	90% AFUE	Federal Standard 82% AFUE (EISA 2007)	Per Household	Existing	24.29	20	$ 3,057	100%	-

Single	Heat Central	Boiler - 90% AFUE	90% AFUE	Federal Standard 82% AFUE (EISA 2007)	Per Household	New	22.31	20	$ 3,057	100%	-
Single	Heat Central	Boiler - 94% AFUE	94% AFUE	Federal Standard 82% AFUE (EISA 2007)	Per Household	Existing	32.05	20	$ 3,686	100%	-
Single	Heat Central	Boiler - 94% AFUE	94% AFUE	Federal Standard 82% AFUE (EISA 2007)	Per Household	New	29.43	20	$ 3,686	100%	-
Single	Heat Central	Boiler - 96% AFUE	96% AFUE	Federal Standard 82% AFUE (EISA 2007)	Per Household	Existing	47.07	20	$ 4,343	100%	-
Single	Heat Central	Boiler - 96% AFUE	96% AFUE	Federal Standard 82% AFUE (EISA 2007)	Per Household	New	43.23	20	$ 4,343	100%	-
Single	Heat Central	Boiler - Below Standard 80% AFUE	Below Standard 80% AFUE	Below Standard 80% AFUE	Per Household	Existing	-	10	$ -	100%	-
Single	Heat Central	Boiler - Below Standard 80% AFUE	Below Standard 80% AFUE	Below Standard 80% AFUE	Per Household	New	-	10	$ -	100%	-
Single	Heat Central	Boiler - Controls	Boiler Controls	No Boiler Control	Per Boiler Control	Existing	37.35	20	$ 384	50%	217
Single	Heat Central	Boiler - Pipe Insulation	R-6	No Insulation	Per Pipe Insulation	Existing	11.63	15	$ 44	23%	35
Single	Heat Central	Boiler - Standard 82% AFUE	Federal Standard 82% AFUE (EISA 2007)	Federal Standard 82% AFUE (EISA 2007)	Per Household	Existing	-	20	$ -	100%	-
Single	Heat Central	Boiler - Standard 82% AFUE	Federal Standard 82% AFUE (EISA 2007)	Federal Standard 82% AFUE (EISA 2007)	Per Household	New	-	20	$ -	100%	-
Single	Heat Central	Construction - ICF	Insulated Concrete Forms - Concrete	Standard Wood Framing	Per Building SqFt	New	0.05	40	$ 3	67%	-
Single	Heat Central	Construction - SIP	Structural Insulated Panels - Specialty Framing	Standard Wood Framing	Per Building SqFt	New	0.05	40	$ 1	67%	47
Single	Heat Central	Doors	ENERGY STAR Door (R-4.8)	Standard Code Door (R-2.9)	Per Door SqFt	Existing	0.26	20	$ 1	61%	5
Single	Heat Central	Doors	ENERGY STAR Door (R-4.8)	Standard Code Door (R-2.9)	Per Door SqFt	New	0.26	20	$ 1	61%	0
Single	Heat Central	Doors	Thermal Door (R-10)	Standard Code Door (R-2.9)	Per Door SqFt	Existing	0.47	20	$ 3	76%	194
Single	Heat Central	Doors	Thermal Door (R-10)	Standard Code Door (R-2.9)	Per Door SqFt	New	0.46	20	$ 3	76%	12
Single	Heat Central	Duct Sealing	4 CFM/100sqft of CFA	8 CFM/100sqft of CFA	Per Duct Sealing Installation	New	34.30	18	$ 333	0%	-
Single	Heat Central	Duct Sealing	4 CFM/100sqft of CFA	Existing CFM/100sqft of CFA	Per Duct Sealing Installation	Existing	112.06	18	$ 960	0%	-
Single	Heat Central	Duct Sealing	8 CFM/100sqft of CFA	Existing CFM/100sqft of CFA	Per Duct Sealing Installation	Existing	74.71	18	$ 587	0%	-
Single	Heat Central	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof sqft	New	0.02	30	$ 16	88%	-
Single	Heat Central	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	Existing	74.71	11	$ 612	35%	325
Single	Heat Central	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	New	44.59	11	$ 612	64%	-
Single	Heat Central	Infiltration Reduction	4.0 ACH50	7.0 ACH50	Per Building SqFt	New	0.03	11	$ 0	42%	17
Single	Heat Central	Infiltration Reduction	4.0 ACH50	Existing Infiltration (10 ACH50)	Per Building SqFt	Existing	0.07	11	$ 0	19%	281
Single	Heat Central	Infiltration Reduction	7.0 ACH50	Existing Infiltration (10 ACH50)	Per Building SqFt	Existing	0.03	11	$ 0	63%	475
Single	Heat Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-38 (To Code Zone 5)	Average Existing Insulation (R-15.7)	Per Insulated SqFt	Existing	0.06	20	$ 1	23%	156
Single	Heat Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (To Code Zone 6)	Average Existing Insulation (R-15.7)	Per Insulated SqFt	Existing	0.07	20	$ 1	23%	179
Single	Heat Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (Zone 5)	Code Insulation R-38 (Zone 5)	Per Insulated SqFt	Existing	0.01	20	$ 0	45%	-
Single	Heat Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (Zone 5)	Code Insulation R-38 (Zone 5)	Per Insulated SqFt	New	0.01	20	$ 0	45%	-
Single	Heat Central	Insulation - Basement Wall	Insulation Basement Wall (R-10 Zone 5)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	0.18	20	$ 1	12%	140
Single	Heat Central	Insulation - Basement Wall	Insulation Basement Wall (R-15 Zone 6)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	0.21	20	$ 1	24%	355
Single	Heat Central	Insulation - Duct	Insulation Duct (R-8)	No Duct Insulation	Per Duct Insulation Installation	Existing	31.75	20	$ 596	0%	-
Single	Heat Central	Insulation - Floor	Insulation Floor (R-30)	Average Existing Insulation (R-1.8)	Per Insulated SqFt	Existing	0.05	20	$ 1	57%	-
Single	Heat Central	Insulation - Rim/Band Joist	Insulation Rim and Band Joist (R-10)	No Rim And Band Joist Insulation	Per Insulated SqFt	Existing	0.11	20	$ 1	16%	27
Single	Heat Central	Insulation - Siding	Vinyl Siding with Foam Backing (R-3)	No Siding Insulation	Per Insulated SqFt	Existing	0.09	20	$ 1	9%	175
Single	Heat Central	Insulation - Slab	Insulation Slab (R-15, 4ft)	Code Insulation (R-10, 4ft)	Per Insulated SqFt	New	0.03	20	$ 0	13%	-
Single	Heat Central	Insulation - Wall	Insulation Wall (R-13)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	0.19	20	$ 1	3%	44
Single	Heat Central	Insulation - Wall	Insulation Wall (R-20 or R-13 w/ R-5 sheathing)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	0.22	20	$ 1	2%	78
Single	Heat Central	Insulation - Wall	Insulation Wall (R-21 + R-5 sheathing)	Code Insulation (R-20 or R-13 w/ R-5	Per Insulated SqFt	New	0.02	20	$ 0	90%	15
Single	Heat Central	Integrated Space Heating and Water	84% CAE or Above	Standard Boiler AFUE 82% and Water Heater	Per Integrated Equipment	Existing	67.24	20	$ 746	0%	-
Single	Heat Central	Integrated Space Heating and Water	84% CAE or Above	Standard Boiler AFUE 82% and Water Heater	Per Integrated Equipment	New	61.74	20	$ 746	0%	-
Single	Heat Central	Quality Install Boiler	Quality Installation (QI)	Standard Installation	Per QI Install	Existing	37.35	5	$ 300	38%	-
Single	Heat Central	Quality Install Boiler	Quality Installation (QI)	Standard Installation	Per QI Install	New	34.30	5	$ 300	38%	-
Single	Heat Central	Thermostat - Multi-Zone	Individual Room Temperature Control for Major	Programmable Thermostat - Central Control	Per Programmable Control System	New	46.65	11	$ 895	86%	-
Single	Heat Central	Thermostat - Programmable	Setback Thermostat 5-1-1, 5-2 or 7-Day	Manual Thermostat	Per Programmable Control	Existing	26.15	15	$ 33	48%	-
Single	Heat Central	Thermostat - WiFi Programmable	WiFi Programmable Thermostat	Programmable Thermostat - Central Control	Per Programmable Control	Existing	26.22	15	$ 167	51%	72
Single	Heat Central	Thermostat - WiFi Programmable	WiFi Programmable Thermostat	Programmable Thermostat - Central Control	Per Programmable Control	New	24.08	15	$ 167	90%	19
Single	Heat Central	Tune-up - Boiler Maintenance	Boiler Maintenance (Tune-up)	Unmaintained Boiler	Per Tune-up	Existing	37.35	5	$ 200	66%	-
Single	Heat Central	Window - Upgrade	Code Window U-Factor = 0.35 (2009 IECC)	Existing Windows U-Factor	Per Window SqFt	Existing	0.35	20	$ 25	24%	-
Single	Heat Central	Window - Upgrade	ENERGY STAR U-Factor = 0.30	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	Existing	0.10	20	$ 8	73%	-
Single	Heat Central	Window - Upgrade	ENERGY STAR U-Factor = 0.30	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	New	0.09	20	$ 8	82%	-
Single	Heat Central	Window - Upgrade	Smart Window U-Factor = 0.22	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	Existing	0.25	20	$ 33	61%	-
Single	Heat Central	Window - Upgrade	Smart Window U-Factor = 0.22	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	New	0.24	20	$ 33	68%	-
Single	Heat Central	Construction - ICF	Insulated Concrete Forms - Concrete Constructio	Standard Wood Framing	Per Building SqFt	New	0.04	40	$ 3	67%	-
Single	Heat Central	Construction - SIP	Structural Insulated Panels - Specialty Framing	Standard Wood Framing	Per Building SqFt	New	0.04	40	$ 1	67%	718
Single	Heat Central	Doors	ENERGY STAR Door (R-4.8)	Standard Code Door (R-2.9)	Per Door SqFt	Existing	0.26	20	$ 1	61%	104
Single	Heat Central	Doors	ENERGY STAR Door (R-4.8)	Standard Code Door (R-2.9)	Per Door SqFt	New	0.23	20	$ 1	61%	6
Single	Heat Central	Doors	Thermal Door (R-10)	Standard Code Door (R-2.9)	Per Door SqFt	Existing	0.47	20	$ 3	76%	3,807
Single	Heat Central	Doors	Thermal Door (R-10)	Standard Code Door (R-2.9)	Per Door SqFt	New	0.42	20	$ 3	76%	238
Single	Heat Central	Duct Sealing	4 CFM/100sqft of CFA	8 CFM/100sqft of CFA	Per Duct Sealing Installation	New	26.24	18	$ 333	65%	301
Single	Heat Central	Duct Sealing	4 CFM/100sqft of CFA	Existing CFM/100sqft of CFA	Per Duct Sealing Installation	Existing	90.51	18	$ 960	33%	8,441
Single	Heat Central	Duct Sealing	8 CFM/100sqft of CFA	Existing CFM/100sqft of CFA	Per Duct Sealing Installation	Existing	60.34	18	$ 587	65%	8,310

Single	Heat Central	Furnace - 92% AFUE	92% AFUE	Federal Standard 90% AFUE Non-Weatherized	Per Household	Existing	13.30	20	$ 124	100%	1,359
Single	Heat Central	Furnace - 92% AFUE	92% AFUE	Federal Standard 90% AFUE Non-Weatherized	Per Household	New	11.57	20	$ 124	100%	172
Single	Heat Central	Furnace - 93% AFUE	93% AFUE	Federal Standard 90% AFUE Non-Weatherized	Per Household	Existing	19.74	20	$ 331	100%	-
Single	Heat Central	Furnace - 93% AFUE	93% AFUE	Federal Standard 90% AFUE Non-Weatherized	Per Household	New	17.17	20	$ 331	100%	-
Single	Heat Central	Furnace - 94% AFUE	94% AFUE	Federal Standard 90% AFUE Non-Weatherized	Per Household	Existing	26.04	20	$ 747	100%	-
Single	Heat Central	Furnace - 94% AFUE	94% AFUE	Federal Standard 90% AFUE Non-Weatherized	Per Household	New	22.64	20	$ 747	100%	-
Single	Heat Central	Furnace - 96% AFUE	96% AFUE	Federal Standard 90% AFUE Non-Weatherized	Per Household	Existing	38.24	20	$ 980	100%	-
Single	Heat Central	Furnace - 96% AFUE	96% AFUE	Federal Standard 90% AFUE Non-Weatherized	Per Household	New	33.26	20	$ 980	100%	-
Single	Heat Central	Furnace - Below Standard 78% AFUE	Below Standard 78% AFUE	Below Standard 78% AFUE	Per Household	Existing	-	10	$ -	100%	-
Single	Heat Central	Furnace - Below Standard 78% AFUE	Below Standard 78% AFUE	Below Standard 78% AFUE	Per Household	New	-	10	$ -	100%	-
Single	Heat Central	Furnace - Standard 90% AFUE	Federal Standard 90% AFUE Non-Weatherized	Federal Standard 90% AFUE Non-Weatherized	Per Household	Existing	-	20	$ -	100%	-
Single	Heat Central	Furnace - Standard 90% AFUE	Federal Standard 90% AFUE Non-Weatherized	Federal Standard 90% AFUE Non-Weatherized	Per Household	New	-	20	$ -	100%	-
Single	Heat Central	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof sqft	New	0.01	30	$ 16	88%	-
Single	Heat Central	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	Existing	60.34	11	$ 612	35%	4,786
Single	Heat Central	Home Energy Management System	Home Energy Management System	Manual Control	Per Management System	New	34.11	11	$ 612	64%	-
Single	Heat Central	Infiltration Reduction	4.0 ACH50	7.0 ACH50	Per Building SqFt	New	0.02	11	$ 0	42%	255
Single	Heat Central	Infiltration Reduction	4.0 ACH50	Existing Infiltration (10 ACH50)	Per Building SqFt	Existing	0.05	11	$ 0	19%	4,261
Single	Heat Central	Infiltration Reduction	7.0 ACH50	Existing Infiltration (10 ACH50)	Per Building SqFt	Existing	0.03	11	$ 0	63%	7,037
Single	Heat Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-38 (To Code Zone 5)	Average Existing Insulation (R-15.7)	Per Insulated SqFt	Existing	0.06	20	$ 1	23%	2,955
Single	Heat Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (To Code Zone 6)	Average Existing Insulation (R-15.7)	Per Insulated SqFt	Existing	0.07	20	$ 1	23%	3,275
Single	Heat Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (Zone 5)	Code Insulation R-38 (Zone 5)	Per Insulated SqFt	Existing	0.01	20	$ 0	45%	-
Single	Heat Central	Insulation - Attic/Ceiling	Insulation Attic/Ceiling R-49 (Zone 5)	Code Insulation R-38 (Zone 5)	Per Insulated SqFt	New	0.01	20	$ 0	45%	-
Single	Heat Central	Insulation - Basement Wall	Insulation Basement Wall (R-10 Zone 5)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	0.18	20	$ 1	12%	2,705
Single	Heat Central	Insulation - Basement Wall	Insulation Basement Wall (R-15 Zone 6)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	0.21	20	$ 1	24%	6,651
Single	Heat Central	Insulation - Duct	Insulation Duct (R-8)	No Duct Insulation	Per Duct Insulation Installation	Existing	25.64	20	$ 596	71%	3,878
Single	Heat Central	Insulation - Floor	Insulation Floor (R-30)	Average Existing Insulation (R-1.8)	Per Insulated SqFt	Existing	0.05	20	$ 1	57%	-
Single	Heat Central	Insulation - Rim/Band Joist	Insulation Rim and Band Joist (R-10)	No Rim And Band Joist Insulation	Per Insulated SqFt	Existing	0.11	20	$ 1	16%	505
Single	Heat Central	Insulation - Siding	Vinyl Siding with Foam Backing (R-3)	No Siding Insulation	Per Insulated SqFt	Existing	0.09	20	$ 1	9%	3,653
Single	Heat Central	Insulation - Slab	Insulation Slab (R-15, 4ft)	Code Insulation (R-10, 4ft)	Per Insulated SqFt	New	0.03	20	$ 0	13%	-
Single	Heat Central	Insulation - Wall	Insulation Wall (R-13)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	0.19	20	$ 1	3%	911
Single	Heat Central	Insulation - Wall	Insulation Wall (R-20 or R-13 w/ R-5 sheathing)	Average Existing Insulation (R-2.1)	Per Insulated SqFt	Existing	0.22	20	$ 1	2%	1,626
Single	Heat Central	Insulation - Wall	Insulation Wall (R-21 + R-5 sheathing)	Code Insulation (R-20 or R-13 w/ R-5	Per Insulated SqFt	New	0.01	20	$ 0	90%	282
Single	Heat Central	Quality Install Furnace	Quality Installation (QI)	Standard Installation	Per QI Install	Existing	12.07	5	$ 300	38%	-
Single	Heat Central	Quality Install Furnace	Quality Installation (QI)	Standard Installation	Per QI Install	New	10.50	5	$ 300	38%	-
Single	Heat Central	Thermostat - Multi-Zone	Individual Room Temperature Control for Major	Programmable Thermostat - Central Control	Per Programmable Control System	New	35.68	11	$ 895	86%	-
Single	Heat Central	Thermostat - Programmable	Setback Thermostat 5-1-1, 5-2 or 7-Day	Manual Thermostat	Per Programmable Control	Existing	21.12	15	$ 33	48%	-
Single	Heat Central	Thermostat - WiFi Programmable	WiFi Programmable Thermostat	Programmable Thermostat - Central Control	Per Programmable Control	Existing	21.18	15	$ 167	51%	1,192
Single	Heat Central	Thermostat - WiFi Programmable	WiFi Programmable Thermostat	Programmable Thermostat - Central Control	Per Programmable Control	New	18.42	15	$ 167	90%	304
Single	Heat Central	Tune-up - Furnace Maintenance	Furnace Maintenance (Tune-up)	Unmaintained Furnace	Per Tune-up	Existing	30.17	5	$ 200	66%	-
Single	Heat Central	Window - Upgrade	Code Window U-Factor = 0.35 (2009 IECC)	Existing Windows U-Factor	Per Window SqFt	Existing	0.36	20	$ 25	24%	-
Single	Heat Central	Window - Upgrade	ENERGY STAR U-Factor = 0.30	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	Existing	0.10	20	$ 8	73%	-
Single	Heat Central	Window - Upgrade	ENERGY STAR U-Factor = 0.30	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	New	0.09	20	$ 8	82%	-
Single	Heat Central	Window - Upgrade	Smart Window U-Factor = 0.22	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	Existing	0.26	20	$ 33	61%	-
Single	Heat Central	Window - Upgrade	Smart Window U-Factor = 0.22	Code Window U-Factor = 0.35 (2009 IECC)	Per Window SqFt	New	0.22	20	$ 33	68%	-
Single	Other	Other	Other	Other	Per Unit	Existing	-	10	$ -	100%	-
Single	Other	Other	Other	Other	Per Unit	New	-	10	$ -	100%	-
Single	Pool Heat	Pool Covers	Pool Covers	No Pool Cover	Per Pool Cover	Existing	128.78	5	$ 68	45%	196
Single	Pool Heat	Pool Covers	Pool Covers	No Pool Cover	Per Pool Cover	New	128.78	5	$ 68	45%	12
Single	Pool Heat	Pool Heaters - High Efficiency	Pool Heaters - 88% Efficiency	Pool Heaters, Standard Heaters - 83%	Per Unit	Existing	14.63	8	$ 563	100%	-
Single	Pool Heat	Pool Heaters - High Efficiency	Pool Heaters - 88% Efficiency	Pool Heaters, Standard Heaters - 83%	Per Unit	New	14.63	8	$ 563	100%	-
Single	Pool Heat	Pool Heaters - Standard	Pool Heaters, Standard Heaters - 83%	Pool Heaters, Standard Heaters - 83%	Per Unit	Existing	-	8	$ -	100%	-
Single	Pool Heat	Pool Heaters - Standard	Pool Heaters, Standard Heaters - 83%	Pool Heaters, Standard Heaters - 83%	Per Unit	New	-	8	$ -	100%	-
Single	Water Heat	Clothes Washer	Clothes Washer Enhanced Efficiency MEF =	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	23.65	11	$ 790	83%	-
Single	Water Heat	Clothes Washer	Clothes Washer Enhanced Efficiency MEF =	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	23.65	11	$ 790	83%	-
Single	Water Heat	Clothes Washer	Clothes Washer CEE Tier 2 MEF = 2.2 and WF	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	17.03	11	$ 392	80%	-
Single	Water Heat	Clothes Washer	Clothes Washer CEE Tier 2 MEF = 2.2 and WF	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	17.03	11	$ 392	80%	-
Single	Water Heat	Clothes Washer	Clothes Washer CEE Tier 3 MEF = 2.4 and WF	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	18.93	11	$ 565	80%	-
Single	Water Heat	Clothes Washer	Clothes Washer CEE Tier 3 MEF = 2.4 and WF	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	18.93	11	$ 565	80%	-
Single	Water Heat	Clothes Washer	Clothes Washer ENERGY STAR MEF = 2.0 and	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	14.74	11	$ 135	73%	2,652
Single	Water Heat	Clothes Washer	Clothes Washer ENERGY STAR MEF = 2.0 and	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	14.74	11	$ 135	73%	165
Single	Water Heat	Clothes Washer	Steam Clothes Washer	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	23.66	11	$ 790	83%	-
Single	Water Heat	Clothes Washer	Steam Clothes Washer	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	23.66	11	$ 790	83%	-
Single	Water Heat	Dishwasher	Dishwasher Enhanced Efficiency (EF 1.00) 200	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	Existing	4.26	11	$ 1,067	54%	-

Single	Water Heat	Dishwasher	Dishwasher Enhanced Efficiency (EF 1.00) 200	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	New	4.26	11	$ 1,067	54%	-
Single	Water Heat	Dishwasher	ENERGY STAR 295 kWh/yr and 4.25	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	Existing	1.89	11	$ 272	18%	-
Single	Water Heat	Dishwasher	ENERGY STAR 295 kWh/yr and 4.25	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	New	1.89	11	$ 272	18%	-
Single	Water Heat	Drain-Water Heat Recovery	Drain-Water Heat Recovery	No Drain Water Heat Recovery	Per Drain-Water Heat Recovery System	Existing	43.01	40	$ 936	27%	-
Single	Water Heat	Drain-Water Heat Recovery	Drain-Water Heat Recovery	No Drain Water Heat Recovery	Per Drain-Water Heat Recovery System	New	40.96	40	$ 936	68%	-
Single	Water Heat	Faucet Aerators	0.5 GPM	2.2 GPM (Federal Code)	Per Faucet Aerator	Existing	5.25	10	$ 2	85%	1,100
Single	Water Heat	Faucet Aerators	0.5 GPM	2.2 GPM (Federal Code)	Per Faucet Aerator	New	5.00	10	$ 2	90%	69
Single	Water Heat	Faucet Aerators	1.5 GPM	2.2 GPM (Federal Code)	Per Faucet Aerator	Existing	2.16	10	$ 1	26%	7
Single	Water Heat	Faucet Aerators	1.5 GPM	2.2 GPM (Federal Code)	Per Faucet Aerator	New	2.06	10	$ 1	28%	-
Single	Water Heat	Faucet Aerators	2.0 GPM	2.2 GPM (Federal Code)	Per Faucet Aerator	Existing	0.62	10	$ 1	14%	-
Single	Water Heat	Faucet Aerators	2.0 GPM	2.2 GPM (Federal Code)	Per Faucet Aerator	New	0.59	10	$ 1	15%	-
Single	Water Heat	Faucet Aerators	2.2 GPM (Federal Code)	Existing Faucet Aerator GPM	Per Faucet Aerator	Existing	2.47	10	$ 3	9%	55
Single	Water Heat	Hot Tub Covers	Hot Tub Covers R-21	Existing Cover R-10	Per Hot Tub Cover	Existing	7.83	6	$ 524	1%	-
Single	Water Heat	Integrated Space Heating and Water	84% CAE or Above	Standard Boiler AFUE 82% and Water Heater	Per Integrated Equipment	Existing	57.89	20	$ 746	0%	-
Single	Water Heat	Integrated Space Heating and Water	84% CAE or Above	Standard Boiler AFUE 82% and Water Heater	Per Integrated Equipment	New	55.14	20	$ 746	0%	-
Single	Water Heat	Low-Flow Showerheads	1.5 GPM - Showerhead	2.5 GPM (Federal Code)	Per Showerhead	Existing	10.30	10	$ 8	80%	2,037
Single	Water Heat	Low-Flow Showerheads	1.5 GPM - Showerhead	2.5 GPM (Federal Code)	Per Showerhead	New	9.81	10	$ 8	80%	121
Single	Water Heat	Low-Flow Showerheads	2.0 GPM - Showerhead	2.5 GPM (Federal Code)	Per Showerhead	Existing	5.15	10	$ 13	38%	25
Single	Water Heat	Low-Flow Showerheads	2.0 GPM - Showerhead	2.5 GPM (Federal Code)	Per Showerhead	New	4.90	10	$ 13	38%	1
Single	Water Heat	Low-Flow Showerheads	2.5 GPM (Federal Code)	Existing Showerhead GPM	Per Showerhead	Existing	5.15	10	$ 24	23%	296
Single	Water Heat	Solar Hot Water (SHW)	Solar Thermal Collector	Standard Storage Hot Water Heater	Per Solar Water System	Existing	91.89	15	$ 6,238	15%	-
Single	Water Heat	Solar Hot Water (SHW)	Solar Thermal Collector	Standard Storage Hot Water Heater	Per Solar Water System	New	87.52	15	$ 4,878	15%	-
Single	Water Heat	Water Heater - Condensing	Condensing ENERGY STAR EF = 0.80 EF or =	EF = 0.59 Federal Standard 2001	Per Unit	Existing	48.13	11	$ 1,281	90%	-
Single	Water Heat	Water Heater - Condensing	Condensing ENERGY STAR EF = 0.80 EF or =	EF = 0.59 Federal Standard 2001	Per Unit	New	45.84	11	$ 1,281	90%	-
Single	Water Heat	Water Heater - Pipe Insulation	Hot Water Pipe Insulation (R-4)	No Pipe Insulation	Per Pipe Insulation	Existing	3.09	13	$ 6	36%	245
Single	Water Heat	Water Heater - Pipe Insulation	Hot Water Pipe Insulation (R-4)	No Pipe Insulation	Per Pipe Insulation	New	3.09	13	$ 6	43%	18
Single	Water Heat	Water Heater - Storage	Below Standard EF = 0.55	Below Standard EF = 0.55	Per Unit	Existing	-	6	$ -	100%	-
Single	Water Heat	Water Heater - Storage	Below Standard EF = 0.55	Below Standard EF = 0.55	Per Unit	New	-	6	$ -	100%	-
Single	Water Heat	Water Heater - Storage	EF = 0.59 Federal Standard 2001	Below Standard EF = 0.55	Per Unit	Existing	14.95	11	$ 562	100%	(80)
Single	Water Heat	Water Heater - Storage	EF = 0.59 Federal Standard 2001	Below Standard EF = 0.55	Per Unit	New	14.24	11	$ 562	100%	-
Single	Water Heat	Water Heater - Storage	EF = 0.62 Federal Standard 2015	EF = 0.59 Federal Standard 2001	Per Unit	Existing	6.38	11	$ 43	100%	-
Single	Water Heat	Water Heater - Storage	EF = 0.62 Federal Standard 2015	EF = 0.59 Federal Standard 2001	Per Unit	New	6.08	11	$ 43	100%	-
Single	Water Heat	Water Heater - Storage	Storage ENERGY STAR EF = 0.67 = 40 Gallon	EF = 0.59 Federal Standard 2001	Per Unit	Existing	21.20	11	$ 261	100%	-
Single	Water Heat	Water Heater - Storage	Storage ENERGY STAR EF = 0.67 = 40 Gallon	EF = 0.59 Federal Standard 2001	Per Unit	New	20.19	11	$ 261	100%	-
Single	Water Heat	Water Heater - Tank Blanket/Insulation	Install Insulation (R-11)	No Tank Insulation	Per Tank Wrap	Existing	11.95	13	$ 18	14%	384
Single	Water Heat	Water Heater - Tankless	Tankless ENERGY STAR EF = 0.82	EF = 0.59 Federal Standard 2001	Per Unit	Existing	51.51	20	$ 832	90%	-
Single	Water Heat	Water Heater - Tankless	Tankless ENERGY STAR EF = 0.82	EF = 0.59 Federal Standard 2001	Per Unit	New	49.06	20	$ 693	90%	-
Single	Water Heat	Water Heater - Thermostat Setback	120 Degrees	135 Degrees	Per Set-Back	Existing	35.12	4	$ 10	13%	1,097
Single	Water Heat	Water Heater - Thermostat Setback	120 Degrees	135 Degrees	Per Set-Back	New	33.45	4	$ 10	13%	65

Total Residential Gas 109,010

Segment	End Use	Measure Name	Measure Description	Baseline Description	Unit Description	Construction Vintage	Savings per Unit (Therm)	Measure Life	Incrmental Cost per Unit	Measure Applicability	2023 Economic Potential (Thousand Therms)
Convenienc	Cooking	Broiler	Cooking Broiler 34% Efficient	15% Efficient	Per Broiler	Existing	657.00	10	$ 200.00	9%	-
Convenienc	Cooking	Broiler	Cooking Broiler 34% Efficient	15% Efficient	Per Broiler	New	657.00	10	$ 200.00	9%	-
Convenienc	Cooking	Convection Oven	ENERGY STAR Convection Oven	Standard Oven	Per Convection Oven	Existing	152.94	12	$ 400.00	75%	0
Convenienc	Cooking	Convection Oven	ENERGY STAR Convection Oven	Standard Oven	Per Convection Oven	New	152.94	12	$ 400.00	75%	0
Convenienc	Cooking	Conveyor Oven	High-Efficiency Model (23% Efficient)	15% Efficient	Per Conveyor Oven	Existing	69.08	10	$ 2,696.25	4%	-
Convenienc	Cooking	Conveyor Oven	High-Efficiency Model (23% Efficient)	15% Efficient	Per Conveyor Oven	New	71.15	10	$ 2,696.25	4%	-
Convenienc	Cooking	Cooking - Standard Equipment	Standard Cooking Equipment	Standard Cooking Equipment	Per Building SqFt	Existing	-	12	$ -	100%	-
Convenienc	Cooking	Cooking - Standard Equipment	Standard Cooking Equipment	Standard Cooking Equipment	Per Building SqFt	New	-	12	$ -	100%	-
Convenienc	Cooking	Fryer	ENERGY STAR Fryer	Standard	Per Fryer	Existing	252.41	12	$ 1,057.50	25%	0
Convenienc	Cooking	Fryer	ENERGY STAR Fryer	Standard	Per Fryer	New	252.41	12	$ 1,057.50	25%	0
Convenienc	Cooking	Griddle	High-Efficiency Griddle (40% Efficient)	Standard Griddle (32% Efficient)	Per Griddle	Existing	74.27	12	$ 1,165.00	19%	-
Convenienc	Cooking	Griddle	High-Efficiency Griddle (40% Efficient)	Standard Griddle (32% Efficient)	Per Griddle	New	74.27	12	$ 1,165.00	19%	-
Convenienc	Cooking	Steam Cooker	ENERGY STAR Steam Cooker	Standard	Per Steam Cooker	Existing	533.20	12	$ 2,075.00	11%	0
Convenienc	Cooking	Steam Cooker	ENERGY STAR Steam Cooker	Standard	Per Steam Cooker	New	533.20	12	$ 2,075.00	11%	0
Convenienc	Other	Other - Standard	Standard Other Equipment	Standard Other Equipment	Per Building SqFt	Existing	-	10	$ -	100%	-
Convenienc	Other	Other - Standard	Standard Other Equipment	Standard Other Equipment	Per Building SqFt	New	-	10	$ -	100%	-
Convenienc	Space Heat	Commissioning	Commissioning/QI - New Installation	No Commissioning	Per SqFt	New	0.06	7	$ 1.16	90%	-
Convenienc	Space Heat	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	Existing	20.85	20	$ 477.04	75%	-
Convenienc	Space Heat	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	New	20.85	20	$ 477.04	75%	-
Convenienc	Space Heat	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	Existing	9.27	20	$ 60.58	61%	1
Convenienc	Space Heat	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	New	9.27	20	$ 60.58	61%	0
Convenienc	Space Heat	Duct Repair And Sealing	Reduction In Duct Losses to 5%	No Repair or Sealing, 15% duct losses	Per Building SqFt	Existing	0.02	18	$ 0.24	38%	-
Convenienc	Space Heat	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	Existing	88.16	10	$ 5,450.00	64%	-
Convenienc	Space Heat	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	New	71.67	10	$ 5,450.00	64%	-
Convenienc	Space Heat	Furnace - 2013 Standard	2013 Standard Furnace	Standard Furnace	Per Building SqFt	Existing	0.07	20	$ 0.17	100%	-
Convenienc	Space Heat	Furnace - 2013 Standard	2013 Standard Furnace	Standard Furnace	Per Building SqFt	New	0.06	20	$ 0.17	100%	-
Convenienc	Space Heat	Furnace - 92% AFUE	Furnace - 92% AFUE	Standard Furnace	Per Building SqFt	Existing	0.08	20	$ 0.26	100%	-
Convenienc	Space Heat	Furnace - 92% AFUE	Furnace - 92% AFUE	Standard Furnace	Per Building SqFt	New	0.07	20	$ 0.26	100%	-
Convenienc	Space Heat	Furnace - 94% AFUE	Furnace - 94% AFUE	Standard Furnace	Per Building SqFt	Existing	0.09	20	$ 0.36	100%	-
Convenienc	Space Heat	Furnace - 94% AFUE	Furnace - 94% AFUE	Standard Furnace	Per Building SqFt	New	0.08	20	$ 0.36	100%	-
Convenienc	Space Heat	Furnace - 96% AFUE	Furnace - 96% AFUE	Standard Furnace	Per Building SqFt	Existing	0.10	20	$ 0.46	100%	4
Convenienc	Space Heat	Furnace - 96% AFUE	Furnace - 96% AFUE	Standard Furnace	Per Building SqFt	New	0.08	20	$ 0.46	100%	0
Convenienc	Space Heat	Furnace - Below Standard	Below Standard Furnace	Below Standard Furnace	Per Building SqFt	Existing	-	10	$ -	100%	-
Convenienc	Space Heat	Furnace - Below Standard	Below Standard Furnace	Below Standard Furnace	Per Building SqFt	New	-	20	$ -	100%	-
Convenienc	Space Heat	Furnace - Standard	Standard Furnace	Standard Furnace	Per Building SqFt	Existing	-	20	$ -	100%	-
Convenienc	Space Heat	Furnace - Standard	Standard Furnace	Standard Furnace	Per Building SqFt	New	-	20	$ -	100%	-
Convenienc	Space Heat	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	Existing	0.05	30	$ 10.13	74%	-
Convenienc	Space Heat	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	New	0.04	30	$ 10.13	74%	-
Convenienc	Space Heat	Infiltration Control	Weather-Stripping	Standard Practice	Per Window SqFt	Existing	0.51	13	$ 0.39	51%	6
Convenienc	Space Heat	Infrared Heater	Infrared Heater - Gas Radiant Heating	Standard Unit Heater	Per 1000 kBTU Unit Heater	Existing	2,000.00	13	$ 502.42	3%	0
Convenienc	Space Heat	Infrared Heater	Infrared Heater - Gas Radiant Heating	Standard Unit Heater	Per 1000 kBTU Unit Heater	New	2,000.00	13	$ 502.42	3%	0
Convenienc	Space Heat	Insulation - Duct	New Duct Insulation (R-8) (Unconditioned	No Insulation	Per Surface Area of Duct	Existing	0.28	20	$ 2.61	15%	0
Convenienc	Space Heat	Insulation - Floor	R-30	Average Existing Insulation (R-10)	Per Floor Area SqFt	Existing	0.02	25	$ 1.82	29%	-
Convenienc	Space Heat	Insulation - Roof	R-20ci	Average Existing Insulation (R-10)	Per Roof Area SqFt	Existing	0.01	25	$ 1.77	12%	-
Convenienc	Space Heat	Insulation - Wall	R-13+R-7.5ci	Average Existing Insulation (R-10)	Per Wall Area SqFt	Existing	0.04	25	$ 1.84	32%	-
Convenienc	Space Heat	Other Space Heat - Standard	Standard Equipment Other Space Heat	Standard Equipment Other Space Heat	Per Building SqFt	Existing	-	15	$ -	100%	-
Convenienc	Space Heat	Other Space Heat - Standard	Standard Equipment Other Space Heat	Standard Equipment Other Space Heat	Per Building SqFt	New	-	15	$ -	100%	-
Convenienc	Space Heat	Retro-Commissioning	Retro-Commissioning	No Retro-Commissioning	Per SqFt	Existing	0.09	7	$ 0.30	90%	25
Convenienc	Space Heat	Thermostat Programmable	Setback Thermostat 5-1-1, 5-2 or 7-day	Manual Thermostat	Per Thermostat	Existing	58.77	15	$ 138.50	76%	-
Convenienc	Space Heat	Tune-up - Furnace Maintenance	Furnace Maintenance (Tune-up)	Unmaintained Furnace	Per kBTU	Existing	0.49	3	$ 0.75	48%	0
Convenienc	Space Heat	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	Existing	0.09	25	$ 3.67	47%	-
Convenienc	Space Heat	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	New	0.09	25	$ 3.67	52%	-
Convenienc	Space Heat	Window - Metal Framing	U-Value = 0.55 (Code Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	0.09	25	$ 27.83	9%	-
Convenienc	Space Heat	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	Existing	0.06	25	$ 2.08	20%	-
Convenienc	Space Heat	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	New	0.06	25	$ 2.08	23%	-
Convenienc	Space Heat	Window - Non-Metal Framing	U-Value = 0.35 (Code Non-Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	0.27	25	$ 42.42	20%	-
Convenienc	Water Heat	Dishwasher	Dishwasher Enhanced Efficiency (EF 1.00) 200	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	Existing	4.26	11	$ 1,067.33	5%	-
Convenienc	Water Heat	Dishwasher	Dishwasher Enhanced Efficiency (EF 1.00) 200	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	New	4.26	11	$ 1,067.33	5%	-

Convenienc	Water Heat	Dishwasher	ENERGY STAR 295 kWh/yr and 4.25	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	Existing	1.89	11	$ 272.18	4%	-
Convenienc	Water Heat	Dishwasher	ENERGY STAR 295 kWh/yr and 4.25	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	New	1.89	11	$ 272.18	4%	-
Convenienc	Water Heat	Dishwasher	High Temp Commercial High Efficiency	Standard High Temp Commercial Dishwasher	Per Dishwasher	Existing	142.50	14	$ 442.50	0%	0
Convenienc	Water Heat	Dishwasher	High Temp Commercial High Efficiency	Standard High Temp Commercial Dishwasher	Per Dishwasher	New	142.50	14	$ 442.50	0%	0
Convenienc	Water Heat	Dishwasher	Low-Temp Commercial Dishwasher (Includes	Standard High Temp Commercial Dishwasher	Per Dishwasher	Existing	97.32	14	$ 307.50	0%	0
Convenienc	Water Heat	Dishwasher	Low-Temp Commercial Dishwasher (Includes	Standard High Temp Commercial Dishwasher	Per Dishwasher	New	97.32	14	$ 307.50	0%	0
Convenienc	Water Heat	Drainwater Heat Recovery	Install Power-Pipe or GFX System	No GFX or Power-Pipe System	Per 40 Gal Water Heater	Existing	111.59	40	$ 833.35	60%	5
Convenienc	Water Heat	Drainwater Heat Recovery	Install Power-Pipe or GFX System	No GFX or Power-Pipe System	Per 40 Gal Water Heater	New	111.35	40	$ 666.68	83%	0
Convenienc	Water Heat	Faucet Aerator	0.5 GPM	Existing Aerator (3.0 GPM)	Per Aerator	Existing	17.44	10	$ 4.76	63%	-
Convenienc	Water Heat	Low-Flow Spray Heads	1.0 GPM	1.6 GPM (Code)	Per Spray Head	Existing	18.39	5	$ 39.09	8%	-
Convenienc	Water Heat	Low-Flow Spray Heads	1.0 GPM	1.6 GPM (Code)	Per Spray Head	New	18.39	5	$ 39.09	8%	0
Convenienc	Water Heat	Low-Flow Spray Heads	1.6 GPM (Code)	Existing Spray Head (2.5 GPM)	Per Spray Head	Existing	27.58	5	$ 30.00	5%	-
Convenienc	Water Heat	Ultrasonic Faucet Control	Install Ultrasonic Faucet Control	No Faucet Control	Per Faucet	Existing	6.97	10	$ 196.25	90%	-
Convenienc	Water Heat	Ultrasonic Faucet Control	Install Ultrasonic Faucet Control	No Faucet Control	Per Faucet	New	6.96	10	$ 196.25	90%	-
Convenienc	Water Heat	Water Heater - 0.67 EF	Water Heater - 0.67 EF	Standard Water Heater	Per Building SqFt	Existing	0.02	13	$ 0.04	100%	-
Convenienc	Water Heat	Water Heater - 0.67 EF	Water Heater - 0.67 EF	Standard Water Heater	Per Building SqFt	New	0.02	13	$ 0.04	100%	-
Convenienc	Water Heat	Water Heater - 2015 Standard	2015 Standard Water Heater	Standard Water Heater	Per Building SqFt	Existing	0.01	13	$ 0.01	100%	-
Convenienc	Water Heat	Water Heater - 2015 Standard	2015 Standard Water Heater	Standard Water Heater	Per Building SqFt	New	0.01	13	$ 0.01	100%	-
Convenienc	Water Heat	Water Heater - Below Standard	Below Standard Water Heater	Below Standard Water Heater	Per Building SqFt	Existing	-	6	$ -	100%	-
Convenienc	Water Heat	Water Heater - Below Standard	Below Standard Water Heater	Below Standard Water Heater	Per Building SqFt	New	-	13	$ -	100%	-
Convenienc	Water Heat	Water Heater - Condensing 0.80 EF	Water Heater - Condensing 0.80 EF	Standard Water Heater	Per Building SqFt	Existing	0.04	13	$ 0.30	100%	-
Convenienc	Water Heat	Water Heater - Condensing 0.80 EF	Water Heater - Condensing 0.80 EF	Standard Water Heater	Per Building SqFt	New	0.04	13	$ 0.30	100%	-
Convenienc	Water Heat	Water Heater - Pipe Insulation	Hot Water Pipe Insulation (R-4)	No Pipe Insulation	Per Linear Foot	Existing	0.70	13	$ 2.10	52%	-
Convenienc	Water Heat	Water Heater - Standard	Standard Water Heater	Standard Water Heater	Per Building SqFt	Existing	-	13	$ -	100%	-
Convenienc	Water Heat	Water Heater - Standard	Standard Water Heater	Standard Water Heater	Per Building SqFt	New	-	13	$ -	100%	-
Convenienc	Water Heat	Water Heater - Tank Blanket/Insulation	Install Insulation (R-11)	No Tank Insulation	Per Water Heater	Existing	22.32	7	$ 62.60	5%	-
Convenienc	Water Heat	Water Heater - Tankless 0.82 EF	Water Heater - Tankless 0.82 EF	Standard Water Heater	Per Building SqFt	Existing	0.05	13	$ 0.13	100%	6
Convenienc	Water Heat	Water Heater - Tankless 0.82 EF	Water Heater - Tankless 0.82 EF	Standard Water Heater	Per Building SqFt	New	0.05	13	$ 0.13	100%	0
Convenienc	Water Heat	Water Heater - Thermostat Setback	Install Programmable Thermostat (120 Degrees)	No Thermostat Setback (130 Degrees)	Per Water Heater	Existing	75.91	4	$ 102.34	35%	1
Education	Cooking	Broiler	Cooking Broiler 34% Efficient	15% Efficient	Per Broiler	Existing	657.00	10	$ 200.00	14%	-
Education	Cooking	Broiler	Cooking Broiler 34% Efficient	15% Efficient	Per Broiler	New	657.00	10	$ 200.00	14%	-
Education	Cooking	Convection Oven	ENERGY STAR Convection Oven	Standard Oven	Per Convection Oven	Existing	152.94	12	$ 400.00	35%	13
Education	Cooking	Convection Oven	ENERGY STAR Convection Oven	Standard Oven	Per Convection Oven	New	152.94	12	$ 400.00	35%	0
Education	Cooking	Conveyor Oven	High-Efficiency Model (23% Efficient)	15% Efficient	Per Conveyor Oven	Existing	738.38	10	$ 2,696.25	4%	5
Education	Cooking	Conveyor Oven	High-Efficiency Model (23% Efficient)	15% Efficient	Per Conveyor Oven	New	760.94	10	$ 2,696.25	4%	0
Education	Cooking	Cooking - Standard Equipment	Standard Cooking Equipment	Standard Cooking Equipment	Per Building SqFt	Existing	-	12	$ -	100%	-
Education	Cooking	Cooking - Standard Equipment	Standard Cooking Equipment	Standard Cooking Equipment	Per Building SqFt	New	-	12	$ -	100%	-
Education	Cooking	Fryer	ENERGY STAR Fryer	Standard	Per Fryer	Existing	252.41	12	$ 1,057.50	25%	-
Education	Cooking	Fryer	ENERGY STAR Fryer	Standard	Per Fryer	New	252.41	12	$ 1,057.50	25%	-
Education	Cooking	Griddle	High-Efficiency Griddle (40% Efficient)	Standard Griddle (32% Efficient)	Per Griddle	Existing	74.27	12	$ 1,165.00	49%	-
Education	Cooking	Griddle	High-Efficiency Griddle (40% Efficient)	Standard Griddle (32% Efficient)	Per Griddle	New	74.27	12	$ 1,165.00	49%	-
Education	Cooking	Steam Cooker	ENERGY STAR Steam Cooker	Standard	Per Steam Cooker	Existing	533.20	12	$ 2,075.00	26%	23
Education	Cooking	Steam Cooker	ENERGY STAR Steam Cooker	Standard	Per Steam Cooker	New	533.20	12	$ 2,075.00	26%	1
Education	Dryer	Dryer - High Efficiency	High Efficiency Dryer	Standard Dryer	Per Building SqFt	Existing	-	12	$ 0.08	10%	-
Education	Dryer	Dryer - High Efficiency	High Efficiency Dryer	Standard Dryer	Per Building SqFt	New	-	12	$ 0.08	10%	-
Education	Dryer	Dryer - Standard	Standard Dryer	Standard Dryer	Per Building SqFt	Existing	-	12	$ 0.08	100%	-
Education	Dryer	Dryer - Standard	Standard Dryer	Standard Dryer	Per Building SqFt	New	-	12	$ 0.08	100%	-
Education	Other	Other - Standard	Standard Other Equipment	Standard Other Equipment	Per Building SqFt	Existing	-	10	$ -	100%	-
Education	Other	Other - Standard	Standard Other Equipment	Standard Other Equipment	Per Building SqFt	New	-	10	$ -	100%	-
Education	Space Heat	Boiler - 2013 Federal Standard	2013 Standard Boiler	Standard Boiler	Per Building SqFt	Existing	0.01	20	$ 0.09	100%	-
Education	Space Heat	Boiler - 2013 Federal Standard	2013 Standard Boiler	Standard Boiler	Per Building SqFt	New	0.01	20	$ 0.09	100%	-
Education	Space Heat	Boiler - 85% AFUE	Boiler - 85% AFUE	Standard Boiler	Per Building SqFt	Existing	0.03	20	$ 0.23	100%	-
Education	Space Heat	Boiler - 85% AFUE	Boiler - 85% AFUE	Standard Boiler	Per Building SqFt	New	0.03	20	$ 0.23	100%	-
Education	Space Heat	Boiler - 90% AFUE	Boiler - 90% AFUE	Standard Boiler	Per Building SqFt	Existing	0.05	20	$ 0.46	100%	-
Education	Space Heat	Boiler - 90% AFUE	Boiler - 90% AFUE	Standard Boiler	Per Building SqFt	New	0.05	20	$ 0.46	100%	-
Education	Space Heat	Boiler - 94% AFUE	Boiler - 94% AFUE	Standard Boiler	Per Building SqFt	Existing	0.07	20	$ 0.64	100%	-
Education	Space Heat	Boiler - 94% AFUE	Boiler - 94% AFUE	Standard Boiler	Per Building SqFt	New	0.07	20	$ 0.64	100%	-
Education	Space Heat	Boiler - 96% AFUE	Boiler - 96% AFUE	Standard Boiler	Per Building SqFt	Existing	0.08	20	$ 0.73	100%	913
Education	Space Heat	Boiler - 96% AFUE	Boiler - 96% AFUE	Standard Boiler	Per Building SqFt	New	0.08	20	$ 0.73	100%	71
Education	Space Heat	Boiler - Below Standard	Below Standard Boiler	Below Standard Boiler	Per Building SqFt	Existing	-	10	$ -	100%	-
Education	Space Heat	Boiler - Below Standard	Below Standard Boiler	Below Standard Boiler	Per Building SqFt	New	-	20	$ -	100%	-
Education	Space Heat	Boiler - Economizer	Economizer	No Economizer	Per Boiler HP	Existing	31.10	20	$ 86.84	75%	-
Education	Space Heat	Boiler - Federal Standard	Standard Boiler	Standard Boiler	Per Building SqFt	Existing	-	20	$ -	100%	-

Education	Space Heat	Boiler - Federal Standard	Standard Boiler	Standard Boiler	Per Building SqFt	New	-	20	$ -	100%	-
Education	Space Heat	Boiler - Pipe Insulation	Above Code (3" of Insulation)	Code (2" of Insulation)	Per Linear Foot of Boiler Pipe	Existing	0.10	20	$ 4.44	49%	-
Education	Space Heat	Boiler - Pipe Insulation	Above Code (3" of Insulation)	Code (2" of Insulation)	Per Linear Foot of Boiler Pipe	New	0.09	20	$ 4.44	49%	-
Education	Space Heat	Boiler - Pipe Insulation	Code (2" of Insulation)	Existing Insulation (1" of Insulation)	Per Linear Foot of Boiler Pipe	Existing	0.38	20	$ 15.16	15%	-
Education	Space Heat	Boiler - Turbulators	Boiler Turbulator	No Turbulator	Per Tube	Existing	6.56	20	$ 15.00	55%	-
Education	Space Heat	Boiler Reset Controls	Boiler Reset Controls	No Boiler Reset Controls	Per Control	Existing	974.60	10	$ 2,060.00	64%	52
Education	Space Heat	Boiler Reset Controls	Boiler Reset Controls	No Boiler Reset Controls	Per Control	New	935.30	10	$ 2,060.00	77%	35
Education	Space Heat	Commissioning	Commissioning/QI - New Installation	No Commissioning	Per SqFt	New	0.06	7	$ 1.16	90%	-
Education	Space Heat	Commissioning	Commissioning/QI - New Installation	No Commissioning	Per SqFt	New	0.06	7	$ 1.16	90%	-
Education	Space Heat	Demand Controlled Ventilation	Demand Controlled Ventilation - DCV	Constant Ventilation	Per Sensor	Existing	74.37	15	$ 450.00	60%	2,585
Education	Space Heat	Demand Controlled Ventilation	Demand Controlled Ventilation - DCV	Constant Ventilation	Per Sensor	Existing	79.39	15	$ 450.00	60%	439
Education	Space Heat	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	Existing	1,279.16	5	$ 8,259.02	75%	-
Education	Space Heat	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	New	1,227.59	5	$ 8,259.02	75%	-
Education	Space Heat	Direct Digital Control System-	DDC Retrofit - EMS Upgrade	Pneumatic	Per Building	Existing	1,279.16	5	$14,606.93	43%	-
Education	Space Heat	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	Existing	20.85	20	$ 477.04	75%	-
Education	Space Heat	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	New	20.85	20	$ 477.04	75%	-
Education	Space Heat	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	Existing	9.27	20	$ 60.58	61%	19
Education	Space Heat	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	New	9.27	20	$ 60.58	61%	0
Education	Space Heat	Duct Repair And Sealing	Reduction In Duct Losses to 5%	No Repair or Sealing, 15% duct losses	Per Building SqFt	Existing	0.02	18	$ 0.24	38%	-
Education	Space Heat	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood Insl	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	Existing	877.14	10	$ 5,450.00	64%	-
Education	Space Heat	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood Insl	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	Existing	936.33	10	$ 5,450.00	64%	-
Education	Space Heat	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood Insl	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	New	841.77	10	$ 5,450.00	64%	2
Education	Space Heat	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	New	876.41	10	$ 5,450.00	64%	2
Education	Space Heat	Furnace - 2013 Standard	2013 Standard Furnace	Standard Furnace	Per Building SqFt	Existing	0.07	20	$ 0.12	100%	-
Education	Space Heat	Furnace - 2013 Standard	2013 Standard Furnace	Standard Furnace	Per Building SqFt	New	0.07	20	$ 0.12	100%	-
Education	Space Heat	Furnace - 92% AFUE	Furnace - 92% AFUE	Standard Furnace	Per Building SqFt	Existing	0.08	20	$ 0.18	100%	-
Education	Space Heat	Furnace - 92% AFUE	Furnace - 92% AFUE	Standard Furnace	Per Building SqFt	New	0.08	20	$ 0.18	100%	-
Education	Space Heat	Furnace - 94% AFUE	Furnace - 94% AFUE	Standard Furnace	Per Building SqFt	Existing	0.09	20	$ 0.25	100%	-
Education	Space Heat	Furnace - 94% AFUE	Furnace - 94% AFUE	Standard Furnace	Per Building SqFt	New	0.09	20	$ 0.25	100%	-
Education	Space Heat	Furnace - 96% AFUE	Furnace - 96% AFUE	Standard Furnace	Per Building SqFt	Existing	0.10	20	$ 0.33	100%	58
Education	Space Heat	Furnace - 96% AFUE	Furnace - 96% AFUE	Standard Furnace	Per Building SqFt	New	0.09	20	$ 0.33	100%	5
Education	Space Heat	Furnace - Below Standard	Below Standard Furnace	Below Standard Furnace	Per Building SqFt	Existing	-	10	$ -	100%	-
Education	Space Heat	Furnace - Below Standard	Below Standard Furnace	Below Standard Furnace	Per Building SqFt	New	-	20	$ -	100%	-
Education	Space Heat	Furnace - Standard	Standard Furnace	Standard Furnace	Per Building SqFt	Existing	-	20	$ -	100%	-
Education	Space Heat	Furnace - Standard	Standard Furnace	Standard Furnace	Per Building SqFt	New	-	20	$ -	100%	-
Education	Space Heat	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	Existing	0.05	30	$ 10.13	74%	-
Education	Space Heat	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	Existing	0.05	30	$ 10.13	74%	-
Education	Space Heat	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	New	0.05	30	$ 10.13	74%	-
Education	Space Heat	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	New	0.05	30	$ 10.13	74%	-
Education	Space Heat	Infiltration Control	Weather-Stripping	Standard Practice	Per Window SqFt	Existing	0.38	13	$ 0.39	9%	-
Education	Space Heat	Infiltration Control	Weather-Stripping	Standard Practice	Per Window SqFt	Existing	0.40	13	$ 0.39	9%	4
Education	Space Heat	Infrared Heater	Infrared Heater - Gas Radiant Heating	Standard Unit Heater	Per 1000 kBTU Unit Heater	Existing	660.00	13	$ 502.42	3%	-
Education	Space Heat	Infrared Heater	Infrared Heater - Gas Radiant Heating	Standard Unit Heater	Per 1000 kBTU Unit Heater	New	660.00	13	$ 502.42	3%	-
Education	Space Heat	Insulation - Duct	New Duct Insulation (R-8) (Unconditioned	No Insulation	Per Surface Area of Duct	Existing	0.28	20	$ 2.61	15%	-
Education	Space Heat	Insulation - Floor	R-30	Average Existing Insulation (R-10)	Per Floor Area SqFt	Existing	0.02	25	$ 1.82	29%	-
Education	Space Heat	Insulation - Roof	R-20ci	Average Existing Insulation (R-10)	Per Roof Area SqFt	Existing	0.01	25	$ 1.77	12%	-
Education	Space Heat	Insulation - Wall	R-13+R-7.5ci	Average Existing Insulation (R-10)	Per Wall Area SqFt	Existing	0.04	25	$ 1.84	32%	-
Education	Space Heat	Integrated Space Heating and Water	Integrated System	Separate Boiler and Water Heater	Per 200 kBtuh Boiler	Existing	232.66	15	$ 885.53	0%	-
Education	Space Heat	Integrated Space Heating and Water	Integrated System	Separate Boiler and Water Heater	Per 200 kBtuh Boiler	New	223.28	15	$ 857.32	0%	-
Education	Space Heat	Other Space Heat - Standard	Standard Equipment Other Space Heat	Standard Equipment Other Space Heat	Per Building SqFt	Existing	-	15	$ -	100%	-
Education	Space Heat	Other Space Heat - Standard	Standard Equipment Other Space Heat	Standard Equipment Other Space Heat	Per Building SqFt	New	-	15	$ -	100%	-
Education	Space Heat	Retro-Commissioning	Retro-Commissioning	No Retro-Commissioning	Per SqFt	Existing	0.08	7	$ 0.30	90%	2,443
Education	Space Heat	Retro-Commissioning	Retro-Commissioning	No Retro-Commissioning	Per SqFt	Existing	0.08	7	$ 0.30	90%	415
Education	Space Heat	Thermostat Programmable	Setback Thermostat 5-1-1, 5-2 or 7-day	Manual Thermostat	Per Thermostat	Existing	146.19	15	$ 138.50	35%	-
Education	Space Heat	Thermostat Programmable	Setback Thermostat 5-1-1, 5-2 or 7-day	Manual Thermostat	Per Thermostat	Existing	156.06	15	$ 138.50	35%	-
Education	Space Heat	Tune-up - Boiler Maintenance	Boiler Maintenance (Tune-up)	Unmaintained Boiler	Per kBTU	Existing	0.65	3	$ 0.75	48%	15
Education	Space Heat	Tune-up - Furnace Maintenance	Furnace Maintenance (Tune-up)	Unmaintained Furnace	Per kBTU	Existing	0.69	3	$ 0.75	48%	3
Education	Space Heat	Variable Air-Volume Systems	Install Variable Air-Volume System	Constant Volume System	Per Sqft	Existing	0.07	15	$ 3.04	62%	-
Education	Space Heat	Vent Damper	Automatic Air Flue Damper	No Damper	Per 200 kBtuh Boiler	Existing	103.41	12	$ 318.44	21%	-
Education	Space Heat	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	Existing	0.09	25	$ 3.67	53%	-
Education	Space Heat	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	New	0.09	25	$ 3.67	59%	-
Education	Space Heat	Window - Metal Framing	U-Value = 0.55 (Code Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	0.09	25	$ 27.83	10%	-
Education	Space Heat	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	Existing	0.06	25	$ 2.08	12%	-

Education	Space Heat	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	New	0.06	25	$ 2.08	14%	-
Education	Space Heat	Window - Non-Metal Framing	U-Value = 0.35 (Code Non-Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	0.27	25	$ 42.42	12%	-
Education	Water Heat	Clothes Washer	Commercial Ozonating Clothes Washer	Standard Commercial Clothes Washer	Per Clothes Washer	Existing	104.71	10	$ 5,944.20	10%	-
Education	Water Heat	Clothes Washer	Commercial Ozonating Clothes Washer	Standard Commercial Clothes Washer	Per Clothes Washer	New	104.49	10	$ 5,944.20	10%	-
Education	Water Heat	Clothes Washer	Residential Grade, Clothes Washer Enhanced	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	86.43	11	$ 789.72	33%	-
Education	Water Heat	Clothes Washer	Residential Grade, Clothes Washer Enhanced	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	86.43	11	$ 789.72	33%	-
Education	Water Heat	Clothes Washer	Residential Grade, Clothes Washer CEE Tier 2	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	62.21	11	$ 391.57	31%	20
Education	Water Heat	Clothes Washer	Residential Grade, Clothes Washer CEE Tier 2	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	62.21	11	$ 391.57	31%	1
Education	Water Heat	Clothes Washer	Residential Grade, Clothes Washer CEE Tier 3	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	69.16	11	$ 565.12	29%	21
Education	Water Heat	Clothes Washer	Residential Grade, Clothes Washer CEE Tier 3	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	69.16	11	$ 565.12	29%	1
Education	Water Heat	Clothes Washer	Residential Grade, Clothes Washer ENERGY	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	53.88	11	$ 134.79	28%	16
Education	Water Heat	Clothes Washer	Residential Grade, Clothes Washer ENERGY	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	53.88	11	$ 134.79	28%	0
Education	Water Heat	Dishwasher	Dishwasher Enhanced Efficiency (EF 1.00) 200	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	Existing	4.26	11	$ 1,067.33	62%	-
Education	Water Heat	Dishwasher	Dishwasher Enhanced Efficiency (EF 1.00) 200	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	New	4.26	11	$ 1,067.33	62%	-
Education	Water Heat	Dishwasher	ENERGY STAR 295 kWh/yr and 4.25	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	Existing	1.89	11	$ 272.18	52%	-
Education	Water Heat	Dishwasher	ENERGY STAR 295 kWh/yr and 4.25	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	New	1.89	11	$ 272.18	52%	-
Education	Water Heat	Dishwasher	High Temp Commercial High Efficiency	Standard High Temp Commercial Dishwasher	Per Dishwasher	Existing	103.39	14	$ 442.50	28%	18
Education	Water Heat	Dishwasher	High Temp Commercial High Efficiency	Standard High Temp Commercial Dishwasher	Per Dishwasher	New	103.39	14	$ 442.50	28%	0
Education	Water Heat	Dishwasher	Low-Temp Commercial Dishwasher (Includes	Standard High Temp Commercial Dishwasher	Per Dishwasher	Existing	70.61	14	$ 307.50	33%	12
Education	Water Heat	Dishwasher	Low-Temp Commercial Dishwasher (Includes	Standard High Temp Commercial Dishwasher	Per Dishwasher	New	70.61	14	$ 307.50	33%	0
Education	Water Heat	Drainwater Heat Recovery	Install Power-Pipe or GFX System	No GFX or Power-Pipe System	Per 40 Gal Water Heater	Existing	96.16	40	$ 833.35	60%	313
Education	Water Heat	Drainwater Heat Recovery	Install Power-Pipe or GFX System	No GFX or Power-Pipe System	Per 40 Gal Water Heater	New	95.95	40	$ 666.68	83%	11
Education	Water Heat	Faucet Aerator	0.5 GPM	Existing Aerator (3.0 GPM)	Per Aerator	Existing	9.01	10	$ 4.76	63%	-
Education	Water Heat	Integrated Space Heating and Water	Integrated System	Separate Boiler and Water Heater	Per 200 kBtuh Boiler	Existing	840.89	15	$ 3,200.47	0%	-
Education	Water Heat	Integrated Space Heating and Water	Integrated System	Separate Boiler and Water Heater	Per 200 kBtuh Boiler	New	840.89	15	$ 3,228.68	0%	-
Education	Water Heat	Low-Flow Showerheads	2.0 GPM	2.5 GPM Showerhead (Federal Code)	Per Showerhead	Existing	27.04	10	$ 8.29	38%	-
Education	Water Heat	Low-Flow Showerheads	2.0 GPM	2.5 GPM Showerhead (Federal Code)	Per Showerhead	New	26.99	10	$ 8.29	38%	0
Education	Water Heat	Low-Flow Showerheads	2.5 GPM Showerhead (Federal Code)	Existing Showerhead (4.5 GPM)	Per Showerhead	Existing	60.10	10	$ 31.27	15%	-
Education	Water Heat	Low-Flow Spray Heads	1.0 GPM	1.6 GPM (Code)	Per Spray Head	Existing	18.39	5	$ 39.09	38%	-
Education	Water Heat	Low-Flow Spray Heads	1.0 GPM	1.6 GPM (Code)	Per Spray Head	New	18.39	5	$ 39.09	38%	-
Education	Water Heat	Low-Flow Spray Heads	1.6 GPM (Code)	Existing Spray Head (2.5 GPM)	Per Spray Head	Existing	27.58	5	$ 30.00	25%	-
Education	Water Heat	Ultrasonic Faucet Control	Install Ultrasonic Faucet Control	No Faucet Control	Per Faucet	Existing	2.70	10	$ 196.25	71%	-
Education	Water Heat	Ultrasonic Faucet Control	Install Ultrasonic Faucet Control	No Faucet Control	Per Faucet	New	2.70	10	$ 196.25	71%	-
Education	Water Heat	Water Heater - 0.67 EF	Water Heater - 0.67 EF	Standard Water Heater	Per Building SqFt	Existing	0.02	13	$ 0.00	100%	-
Education	Water Heat	Water Heater - 0.67 EF	Water Heater - 0.67 EF	Standard Water Heater	Per Building SqFt	New	0.02	13	$ 0.00	100%	-
Education	Water Heat	Water Heater - 2015 Standard	2015 Standard Water Heater	Standard Water Heater	Per Building SqFt	Existing	0.01	13	$ 0.00	100%	-
Education	Water Heat	Water Heater - 2015 Standard	2015 Standard Water Heater	Standard Water Heater	Per Building SqFt	New	0.01	13	$ 0.00	100%	-
Education	Water Heat	Water Heater - Below Standard	Below Standard Water Heater	Below Standard Water Heater	Per Building SqFt	Existing	-	6	$ -	100%	-
Education	Water Heat	Water Heater - Below Standard	Below Standard Water Heater	Below Standard Water Heater	Per Building SqFt	New	-	13	$ -	100%	-
Education	Water Heat	Water Heater - Condensing 0.80 EF	Water Heater - Condensing 0.80 EF	Standard Water Heater	Per Building SqFt	Existing	0.03	13	$ 0.04	100%	-
Education	Water Heat	Water Heater - Condensing 0.80 EF	Water Heater - Condensing 0.80 EF	Standard Water Heater	Per Building SqFt	New	0.03	13	$ 0.04	100%	-
Education	Water Heat	Water Heater - Pipe Insulation	Hot Water Pipe Insulation (R-4)	No Pipe Insulation	Per Linear Foot	Existing	1.55	13	$ 2.10	52%	-
Education	Water Heat	Water Heater - Standard	Standard Water Heater	Standard Water Heater	Per Building SqFt	Existing	-	13	$ -	100%	-
Education	Water Heat	Water Heater - Standard	Standard Water Heater	Standard Water Heater	Per Building SqFt	New	-	13	$ -	100%	-
Education	Water Heat	Water Heater - Tank Blanket/Insulation	Install Insulation (R-11)	No Tank Insulation	Per Water Heater	Existing	19.23	7	$ 62.60	5%	-
Education	Water Heat	Water Heater - Tankless 0.82 EF	Water Heater - Tankless 0.82 EF	Standard Water Heater	Per Building SqFt	Existing	0.03	13	$ 0.02	100%	348
Education	Water Heat	Water Heater - Tankless 0.82 EF	Water Heater - Tankless 0.82 EF	Standard Water Heater	Per Building SqFt	New	0.03	13	$ 0.02	100%	17
Education	Water Heat	Water Heater - Thermostat Setback	Install Programmable Thermostat (120 Degrees)	No Thermostat Setback (130 Degrees)	Per Water Heater	Existing	65.41	4	$ 102.34	15%	16
Grocery	Cooking	Broiler	Cooking Broiler 34% Efficient	15% Efficient	Per Broiler	Existing	657.00	10	$ 200.00	27%	2
Grocery	Cooking	Broiler	Cooking Broiler 34% Efficient	15% Efficient	Per Broiler	New	657.00	10	$ 200.00	27%	0
Grocery	Cooking	Convection Oven	ENERGY STAR Convection Oven	Standard Oven	Per Convection Oven	Existing	305.87	12	$ 400.00	75%	0
Grocery	Cooking	Convection Oven	ENERGY STAR Convection Oven	Standard Oven	Per Convection Oven	New	305.87	12	$ 400.00	75%	0
Grocery	Cooking	Conveyor Oven	High-Efficiency Model (23% Efficient)	15% Efficient	Per Conveyor Oven	Existing	4,750.03	10	$ 2,696.25	4%	2
Grocery	Cooking	Conveyor Oven	High-Efficiency Model (23% Efficient)	15% Efficient	Per Conveyor Oven	New	4,886.37	10	$ 2,696.25	4%	0
Grocery	Cooking	Cooking - Standard Equipment	Standard Cooking Equipment	Standard Cooking Equipment	Per Building SqFt	Existing	-	12	$ -	100%	-
Grocery	Cooking	Cooking - Standard Equipment	Standard Cooking Equipment	Standard Cooking Equipment	Per Building SqFt	New	-	12	$ -	100%	-
Grocery	Cooking	Fryer	ENERGY STAR Fryer	Standard	Per Fryer	Existing	504.81	12	$ 1,057.50	25%	1
Grocery	Cooking	Fryer	ENERGY STAR Fryer	Standard	Per Fryer	New	504.81	12	$ 1,057.50	25%	0
Grocery	Cooking	Griddle	High-Efficiency Griddle (40% Efficient)	Standard Griddle (32% Efficient)	Per Griddle	Existing	148.54	12	$ 1,165.00	34%	-
Grocery	Cooking	Griddle	High-Efficiency Griddle (40% Efficient)	Standard Griddle (32% Efficient)	Per Griddle	New	148.54	12	$ 1,165.00	34%	-
Grocery	Cooking	Steam Cooker	ENERGY STAR Steam Cooker	Standard	Per Steam Cooker	Existing	1,066.40	12	$ 2,075.00	19%	2
Grocery	Cooking	Steam Cooker	ENERGY STAR Steam Cooker	Standard	Per Steam Cooker	New	1,066.40	12	$ 2,075.00	19%	0
Grocery	Other	Other - Standard	Standard Other Equipment	Standard Other Equipment	Per Building SqFt	Existing	-	10	$ -	100%	-

Grocery	Other	Other - Standard	Standard Other Equipment	Standard Other Equipment	Per Building SqFt	New	-	10	$	-	100%	-
Grocery	Space Heat	Boiler - 2013 Federal Standard	2013 Standard Boiler	Standard Boiler	Per Building SqFt	Existing	0.01	20	$	0.11	100%	-
Grocery	Space Heat	Boiler - 2013 Federal Standard	2013 Standard Boiler	Standard Boiler	Per Building SqFt	New	0.01	20	$	0.11	100%	-
Grocery	Space Heat	Boiler - 85% AFUE	Boiler - 85% AFUE	Standard Boiler	Per Building SqFt	Existing	0.03	20	$	0.28	100%	-
Grocery	Space Heat	Boiler - 85% AFUE	Boiler - 85% AFUE	Standard Boiler	Per Building SqFt	New	0.03	20	$	0.28	100%	-
Grocery	Space Heat	Boiler - 90% AFUE	Boiler - 90% AFUE	Standard Boiler	Per Building SqFt	Existing	0.06	20	$	0.56	100%	-
Grocery	Space Heat	Boiler - 90% AFUE	Boiler - 90% AFUE	Standard Boiler	Per Building SqFt	New	0.05	20	$	0.56	100%	-
Grocery	Space Heat	Boiler - 94% AFUE	Boiler - 94% AFUE	Standard Boiler	Per Building SqFt	Existing	0.08	20	$	0.78	100%	-
Grocery	Space Heat	Boiler - 94% AFUE	Boiler - 94% AFUE	Standard Boiler	Per Building SqFt	New	0.07	20	$	0.78	100%	-
Grocery	Space Heat	Boiler - 96% AFUE	Boiler - 96% AFUE	Standard Boiler	Per Building SqFt	Existing	0.09	20	$	0.89	100%	-
Grocery	Space Heat	Boiler - 96% AFUE	Boiler - 96% AFUE	Standard Boiler	Per Building SqFt	New	0.07	20	$	0.89	100%	-
Grocery	Space Heat	Boiler - Below Standard	Below Standard Boiler	Below Standard Boiler	Per Building SqFt	Existing	-	10	$	-	100%	-
Grocery	Space Heat	Boiler - Below Standard	Below Standard Boiler	Below Standard Boiler	Per Building SqFt	New	-	20	$	-	100%	-
Grocery	Space Heat	Boiler - Economizer	Economizer	No Economizer	Per Boiler HP	Existing	29.13	20	$	86.84	41%	-
Grocery	Space Heat	Boiler - Federal Standard	Standard Boiler	Standard Boiler	Per Building SqFt	Existing	-	20	$	-	100%	-
Grocery	Space Heat	Boiler - Federal Standard	Standard Boiler	Standard Boiler	Per Building SqFt	New	-	20	$	-	100%	-
Grocery	Space Heat	Boiler - Pipe Insulation	Above Code (3" of Insulation)	Code (2" of Insulation)	Per Linear Foot of Boiler Pipe	Existing	0.09	20	$	4.44	49%	-
Grocery	Space Heat	Boiler - Pipe Insulation	Above Code (3" of Insulation)	Code (2" of Insulation)	Per Linear Foot of Boiler Pipe	New	0.07	20	$	4.44	49%	-
Grocery	Space Heat	Boiler - Pipe Insulation	Code (2" of Insulation)	Existing Insulation (1" of Insulation)	Per Linear Foot of Boiler Pipe	Existing	0.33	20	$	15.16	15%	-
Grocery	Space Heat	Boiler - Turbulators	Boiler Turbulator	No Turbulator	Per Tube	Existing	4.44	20	$	15.00	55%	-
Grocery	Space Heat	Boiler Reset Controls	Boiler Reset Controls	No Boiler Reset Controls	Per Control	Existing	658.81	10	$	2,060.00	64%	-
Grocery	Space Heat	Boiler Reset Controls	Boiler Reset Controls	No Boiler Reset Controls	Per Control	New	544.08	10	$	2,060.00	77%	-
Grocery	Space Heat	Commissioning	Commissioning/QI - New Installation	No Commissioning	Per SqFt	New	0.06	7	$	1.16	90%	-
Grocery	Space Heat	Commissioning	Commissioning/QI - New Installation	No Commissioning	Per SqFt	New	0.06	7	$	1.16	90%	-
Grocery	Space Heat	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	Existing	864.68	5	$	5,556.34	34%	-
Grocery	Space Heat	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	New	714.11	5	$	5,556.34	34%	-
Grocery	Space Heat	Direct Digital Control System-	DDC Retrofit - EMS Upgrade	Pneumatic	Per Building	Existing	864.68	5	$	9,587.67	55%	-
Grocery	Space Heat	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	Existing	20.85	20	$	477.04	75%	-
Grocery	Space Heat	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	New	20.85	20	$	477.04	75%	-
Grocery	Space Heat	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	Existing	9.27	20	$	60.58	61%	7
Grocery	Space Heat	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	New	9.27	20	$	60.58	61%	0
Grocery	Space Heat	Duct Repair And Sealing	Reduction In Duct Losses to 5%	No Repair or Sealing, 15% duct losses	Per Building SqFt	Existing	0.02	18	$	0.24	38%	10
Grocery	Space Heat	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	Existing	590.93	10	$	5,450.00	64%	-
Grocery	Space Heat	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	Existing	592.93	10	$	5,450.00	64%	-
Grocery	Space Heat	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	New	479.46	10	$	5,450.00	64%	-
Grocery	Space Heat	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	New	489.67	10	$	5,450.00	64%	-
Grocery	Space Heat	Furnace - 2013 Standard	2013 Standard Furnace	Standard Furnace	Per Building SqFt	Existing	0.07	20	$	0.15	100%	-
Grocery	Space Heat	Furnace - 2013 Standard	2013 Standard Furnace	Standard Furnace	Per Building SqFt	New	0.06	20	$	0.15	100%	-
Grocery	Space Heat	Furnace - 92% AFUE	Furnace - 92% AFUE	Standard Furnace	Per Building SqFt	Existing	0.08	20	$	0.22	100%	-
Grocery	Space Heat	Furnace - 92% AFUE	Furnace - 92% AFUE	Standard Furnace	Per Building SqFt	New	0.07	20	$	0.22	100%	-
Grocery	Space Heat	Furnace - 94% AFUE	Furnace - 94% AFUE	Standard Furnace	Per Building SqFt	Existing	0.09	20	$	0.31	100%	-
Grocery	Space Heat	Furnace - 94% AFUE	Furnace - 94% AFUE	Standard Furnace	Per Building SqFt	New	0.08	20	$	0.31	100%	-
Grocery	Space Heat	Furnace - 96% AFUE	Furnace - 96% AFUE	Standard Furnace	Per Building SqFt	Existing	0.10	20	$	0.40	100%	103
Grocery	Space Heat	Furnace - 96% AFUE	Furnace - 96% AFUE	Standard Furnace	Per Building SqFt	New	0.08	20	$	0.40	100%	7
Grocery	Space Heat	Furnace - Below Standard	Below Standard Furnace	Below Standard Furnace	Per Building SqFt	Existing	-	10	$	-	100%	-
Grocery	Space Heat	Furnace - Below Standard	Below Standard Furnace	Below Standard Furnace	Per Building SqFt	New	-	20	$	-	100%	-
Grocery	Space Heat	Furnace - Standard	Standard Furnace	Standard Furnace	Per Building SqFt	Existing	-	20	$	-	100%	-
Grocery	Space Heat	Furnace - Standard	Standard Furnace	Standard Furnace	Per Building SqFt	New	-	20	$	-	100%	-
Grocery	Space Heat	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	Existing	0.05	30	$	10.13	74%	-
Grocery	Space Heat	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	Existing	0.05	30	$	10.13	74%	-
Grocery	Space Heat	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	New	0.04	30	$	10.13	74%	-
Grocery	Space Heat	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	New	0.04	30	$	10.13	74%	-
Grocery	Space Heat	Infiltration Control	Weather-Stripping	Standard Practice	Per Window SqFt	Existing	0.67	13	$	0.39	9%	28
Grocery	Space Heat	Infiltration Control	Weather-Stripping	Standard Practice	Per Window SqFt	Existing	0.67	13	$	0.39	9%	-
Grocery	Space Heat	Infrared Heater	Infrared Heater - Gas Radiant Heating	Standard Unit Heater	Per 1000 kBTU Unit Heater	Existing	2,000.00	13	$	502.42	3%	24
Grocery	Space Heat	Infrared Heater	Infrared Heater - Gas Radiant Heating	Standard Unit Heater	Per 1000 kBTU Unit Heater	New	2,000.00	13	$	502.42	3%	1
Grocery	Space Heat	Insulation - Duct	New Duct Insulation (R-8) (Unconditioned	No Insulation	Per Surface Area of Duct	Existing	0.29	20	$	2.61	15%	28
Grocery	Space Heat	Insulation - Floor	R-30	Average Existing Insulation (R-10)	Per Floor Area SqFt	Existing	0.02	25	$	1.82	29%	-
Grocery	Space Heat	Insulation - Roof	R-20ci	Average Existing Insulation (R-10)	Per Roof Area SqFt	Existing	0.01	25	$	1.77	12%	-
Grocery	Space Heat	Insulation - Wall	R-13+R-7.5ci	Average Existing Insulation (R-10)	Per Wall Area SqFt	Existing	0.04	25	$	1.84	32%	-
Grocery	Space Heat	Integrated Space Heating and Water	Integrated System	Separate Boiler and Water Heater	Per 200 kBtuh Boiler	Existing	205.52	15	$	790.88	0%	-
Grocery	Space Heat	Integrated Space Heating and Water	Integrated System	Separate Boiler and Water Heater	Per 200 kBtuh Boiler	New	169.73	15	$	675.94	0%	-
Grocery	Space Heat	Other Space Heat - Standard	Standard Equipment Other Space Heat	Standard Equipment Other Space Heat	Per Building SqFt	Existing	-	15	$	-	100%	-

Grocery	Space Heat	Other Space Heat - Standard	Standard Equipment Other Space Heat	Standard Equipment Other Space Heat	Per Building SqFt	New	-	15	$ -	100%	-
Grocery	Space Heat	Retro-Commissioning	Retro-Commissioning	No Retro-Commissioning	Per SqFt	Existing	0.09	7	$ 0.30	90%	630
Grocery	Space Heat	Retro-Commissioning	Retro-Commissioning	No Retro-Commissioning	Per SqFt	Existing	0.09	7	$ 0.30	90%	-
Grocery	Space Heat	Thermostat Programmable	Setback Thermostat 5-1-1, 5-2 or 7-day	Manual Thermostat	Per Thermostat	Existing	196.98	15	$ 138.50	76%	11
Grocery	Space Heat	Thermostat Programmable	Setback Thermostat 5-1-1, 5-2 or 7-day	Manual Thermostat	Per Thermostat	Existing	197.64	15	$ 138.50	76%	-
Grocery	Space Heat	Tune-up - Boiler Maintenance	Boiler Maintenance (Tune-up)	Unmaintained Boiler	Per kBTU	Existing	0.57	3	$ 0.75	48%	-
Grocery	Space Heat	Tune-up - Furnace Maintenance	Furnace Maintenance (Tune-up)	Unmaintained Furnace	Per kBTU	Existing	0.57	3	$ 0.75	48%	5
Grocery	Space Heat	Vent Damper	Automatic Air Flue Damper	No Damper	Per 200 kBtuh Boiler	Existing	91.34	12	$ 318.44	21%	-
Grocery	Space Heat	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	Existing	0.09	25	$ 3.67	31%	-
Grocery	Space Heat	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	New	0.09	25	$ 3.67	35%	-
Grocery	Space Heat	Window - Metal Framing	U-Value = 0.55 (Code Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	0.09	25	$ 27.83	6%	-
Grocery	Space Heat	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	Existing	0.06	25	$ 2.08	41%	-
Grocery	Space Heat	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	New	0.06	25	$ 2.08	46%	-
Grocery	Space Heat	Window - Non-Metal Framing	U-Value = 0.35 (Code Non-Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	0.27	25	$ 42.42	40%	-
Grocery	Water Heat	Dishwasher	Dishwasher Enhanced Efficiency (EF 1.00) 200	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	Existing	4.26	11	$ 1,067.33	43%	-
Grocery	Water Heat	Dishwasher	Dishwasher Enhanced Efficiency (EF 1.00) 200	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	New	4.26	11	$ 1,067.33	43%	-
Grocery	Water Heat	Dishwasher	ENERGY STAR 295 kWh/yr and 4.25	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	Existing	1.89	11	$ 272.18	36%	-
Grocery	Water Heat	Dishwasher	ENERGY STAR 295 kWh/yr and 4.25	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	New	1.89	11	$ 272.18	36%	-
Grocery	Water Heat	Dishwasher	High Temp Commercial High Efficiency	Standard High Temp Commercial Dishwasher	Per Dishwasher	Existing	142.50	14	$ 442.50	12%	3
Grocery	Water Heat	Dishwasher	High Temp Commercial High Efficiency	Standard High Temp Commercial Dishwasher	Per Dishwasher	New	142.50	14	$ 442.50	12%	0
Grocery	Water Heat	Dishwasher	Low-Temp Commercial Dishwasher (Includes	Standard High Temp Commercial Dishwasher	Per Dishwasher	Existing	97.32	14	$ 307.50	14%	2
Grocery	Water Heat	Dishwasher	Low-Temp Commercial Dishwasher (Includes	Standard High Temp Commercial Dishwasher	Per Dishwasher	New	97.32	14	$ 307.50	14%	0
Grocery	Water Heat	Drainwater Heat Recovery	Install Power-Pipe or GFX System	No GFX or Power-Pipe System	Per 40 Gal Water Heater	Existing	149.31	40	$ 833.35	60%	82
Grocery	Water Heat	Drainwater Heat Recovery	Install Power-Pipe or GFX System	No GFX or Power-Pipe System	Per 40 Gal Water Heater	New	148.98	40	$ 666.68	83%	3
Grocery	Water Heat	Faucet Aerator	0.5 GPM	Existing Aerator (3.0 GPM)	Per Aerator	Existing	19.44	10	$ 4.76	63%	-
Grocery	Water Heat	Integrated Space Heating and Water	Integrated System	Separate Boiler and Water Heater	Per 200 kBtuh Boiler	Existing	856.28	15	$ 3,295.12	0%	-
Grocery	Water Heat	Integrated Space Heating and Water	Integrated System	Separate Boiler and Water Heater	Per 200 kBtuh Boiler	New	856.28	15	$ 3,410.06	0%	-
Grocery	Water Heat	Low-Flow Spray Heads	1.0 GPM	1.6 GPM (Code)	Per Spray Head	Existing	18.39	5	$ 39.09	51%	-
Grocery	Water Heat	Low-Flow Spray Heads	1.0 GPM	1.6 GPM (Code)	Per Spray Head	New	18.39	5	$ 39.09	51%	0
Grocery	Water Heat	Low-Flow Spray Heads	1.6 GPM (Code)	Existing Spray Head (2.5 GPM)	Per Spray Head	Existing	27.58	5	$ 30.00	33%	-
Grocery	Water Heat	Refrigeration with Heat Recovery	Heat Recovery from Refrigeration System.	No Heat Recovery	Per sqft	Existing	0.04	16	$ 0.91	50%	-
Grocery	Water Heat	Ultrasonic Faucet Control	Install Ultrasonic Faucet Control	No Faucet Control	Per Faucet	Existing	7.78	10	$ 196.25	90%	-
Grocery	Water Heat	Ultrasonic Faucet Control	Install Ultrasonic Faucet Control	No Faucet Control	Per Faucet	New	7.76	10	$ 196.25	90%	-
Grocery	Water Heat	Water Heater - 0.67 EF	Water Heater - 0.67 EF	Standard Water Heater	Per Building SqFt	Existing	0.02	13	$ 0.01	100%	-
Grocery	Water Heat	Water Heater - 0.67 EF	Water Heater - 0.67 EF	Standard Water Heater	Per Building SqFt	New	0.02	13	$ 0.01	100%	-
Grocery	Water Heat	Water Heater - 2015 Standard	2015 Standard Water Heater	Standard Water Heater	Per Building SqFt	Existing	0.01	13	$ 0.00	100%	-
Grocery	Water Heat	Water Heater - 2015 Standard	2015 Standard Water Heater	Standard Water Heater	Per Building SqFt	New	0.01	13	$ 0.00	100%	-
Grocery	Water Heat	Water Heater - Below Standard	Below Standard Water Heater	Below Standard Water Heater	Per Building SqFt	Existing	-	6	$ -	100%	-
Grocery	Water Heat	Water Heater - Below Standard	Below Standard Water Heater	Below Standard Water Heater	Per Building SqFt	New	-	13	$ -	100%	-
Grocery	Water Heat	Water Heater - Condensing 0.80 EF	Water Heater - Condensing 0.80 EF	Standard Water Heater	Per Building SqFt	Existing	0.04	13	$ 0.06	100%	-
Grocery	Water Heat	Water Heater - Condensing 0.80 EF	Water Heater - Condensing 0.80 EF	Standard Water Heater	Per Building SqFt	New	0.04	13	$ 0.06	100%	-
Grocery	Water Heat	Water Heater - Pipe Insulation	Hot Water Pipe Insulation (R-4)	No Pipe Insulation	Per Linear Foot	Existing	2.59	13	$ 2.10	52%	-
Grocery	Water Heat	Water Heater - Standard	Standard Water Heater	Standard Water Heater	Per Building SqFt	Existing	-	13	$ -	100%	-
Grocery	Water Heat	Water Heater - Standard	Standard Water Heater	Standard Water Heater	Per Building SqFt	New	-	13	$ -	100%	-
Grocery	Water Heat	Water Heater - Tank Blanket/Insulation	Install Insulation (R-11)	No Tank Insulation	Per Water Heater	Existing	29.86	7	$ 62.60	5%	-
Grocery	Water Heat	Water Heater - Tankless 0.82 EF	Water Heater - Tankless 0.82 EF	Standard Water Heater	Per Building SqFt	Existing	0.05	13	$ 0.03	100%	91
Grocery	Water Heat	Water Heater - Tankless 0.82 EF	Water Heater - Tankless 0.82 EF	Standard Water Heater	Per Building SqFt	New	0.05	13	$ 0.03	100%	5
Grocery	Water Heat	Water Heater - Thermostat Setback	Install Programmable Thermostat (120 Degrees)	No Thermostat Setback (130 Degrees)	Per Water Heater	Existing	101.57	4	$ 102.34	50%	14
Health	Cooking	Broiler	Cooking Broiler 34% Efficient	15% Efficient	Per Broiler	Existing	657.00	10	$ 200.00	14%	-
Health	Cooking	Broiler	Cooking Broiler 34% Efficient	15% Efficient	Per Broiler	New	657.00	10	$ 200.00	14%	-
Health	Cooking	Convection Oven	ENERGY STAR Convection Oven	Standard Oven	Per Convection Oven	Existing	305.87	12	$ 400.00	50%	-
Health	Cooking	Convection Oven	ENERGY STAR Convection Oven	Standard Oven	Per Convection Oven	New	305.87	12	$ 400.00	50%	-
Health	Cooking	Conveyor Oven	High-Efficiency Model (23% Efficient)	15% Efficient	Per Conveyor Oven	Existing	1,632.49	10	$ 2,696.25	4%	-
Health	Cooking	Conveyor Oven	High-Efficiency Model (23% Efficient)	15% Efficient	Per Conveyor Oven	New	1,682.22	10	$ 2,696.25	4%	-
Health	Cooking	Cooking - Standard Equipment	Standard Cooking Equipment	Standard Cooking Equipment	Per Building SqFt	Existing	-	12	$ -	100%	-
Health	Cooking	Cooking - Standard Equipment	Standard Cooking Equipment	Standard Cooking Equipment	Per Building SqFt	New	-	12	$ -	100%	-
Health	Cooking	Fryer	ENERGY STAR Fryer	Standard	Per Fryer	Existing	504.81	12	$ 1,057.50	25%	-
Health	Cooking	Fryer	ENERGY STAR Fryer	Standard	Per Fryer	New	504.81	12	$ 1,057.50	25%	-
Health	Cooking	Griddle	High-Efficiency Griddle (40% Efficient)	Standard Griddle (32% Efficient)	Per Griddle	Existing	148.54	12	$ 1,165.00	34%	-
Health	Cooking	Griddle	High-Efficiency Griddle (40% Efficient)	Standard Griddle (32% Efficient)	Per Griddle	New	148.54	12	$ 1,165.00	34%	-
Health	Cooking	Steam Cooker	ENERGY STAR Steam Cooker	Standard	Per Steam Cooker	Existing	1,066.40	12	$ 2,075.00	19%	-
Health	Cooking	Steam Cooker	ENERGY STAR Steam Cooker	Standard	Per Steam Cooker	New	1,066.40	12	$ 2,075.00	19%	-
Health	Dryer	Dryer - High Efficiency	High Efficiency Dryer	Standard Dryer	Per Building SqFt	Existing	-	12	$ 0.93	10%	-

Health	Dryer	Dryer - High Efficiency	High Efficiency Dryer	Standard Dryer	Per Building SqFt	New	-	12	$ 0.93	10%	-
Health	Dryer	Dryer - Standard	Standard Dryer	Standard Dryer	Per Building SqFt	Existing	-	12	$ 0.93	100%	-
Health	Dryer	Dryer - Standard	Standard Dryer	Standard Dryer	Per Building SqFt	New	-	12	$ 0.93	100%	-
Health	Other	Other - Standard	Standard Other Equipment	Standard Other Equipment	Per Building SqFt	Existing	-	10	$ -	100%	-
Health	Other	Other - Standard	Standard Other Equipment	Standard Other Equipment	Per Building SqFt	New	-	10	$ -	100%	-
Health	Space Heat	Boiler - 2013 Federal Standard	2013 Standard Boiler	Standard Boiler	Per Building SqFt	Existing	0.01	20	$ 0.05	100%	-
Health	Space Heat	Boiler - 2013 Federal Standard	2013 Standard Boiler	Standard Boiler	Per Building SqFt	New	0.01	20	$ 0.05	100%	-
Health	Space Heat	Boiler - 85% AFUE	Boiler - 85% AFUE	Standard Boiler	Per Building SqFt	Existing	0.03	20	$ 0.14	100%	-
Health	Space Heat	Boiler - 85% AFUE	Boiler - 85% AFUE	Standard Boiler	Per Building SqFt	New	0.02	20	$ 0.14	100%	-
Health	Space Heat	Boiler - 90% AFUE	Boiler - 90% AFUE	Standard Boiler	Per Building SqFt	Existing	0.05	20	$ 0.27	100%	-
Health	Space Heat	Boiler - 90% AFUE	Boiler - 90% AFUE	Standard Boiler	Per Building SqFt	New	0.04	20	$ 0.27	100%	-
Health	Space Heat	Boiler - 94% AFUE	Boiler - 94% AFUE	Standard Boiler	Per Building SqFt	Existing	0.07	20	$ 0.38	100%	-
Health	Space Heat	Boiler - 94% AFUE	Boiler - 94% AFUE	Standard Boiler	Per Building SqFt	New	0.06	20	$ 0.38	100%	-
Health	Space Heat	Boiler - 96% AFUE	Boiler - 96% AFUE	Standard Boiler	Per Building SqFt	Existing	0.08	20	$ 0.43	100%	170
Health	Space Heat	Boiler - 96% AFUE	Boiler - 96% AFUE	Standard Boiler	Per Building SqFt	New	0.07	20	$ 0.43	100%	10
Health	Space Heat	Boiler - Below Standard	Below Standard Boiler	Below Standard Boiler	Per Building SqFt	Existing	-	10	$ -	100%	-
Health	Space Heat	Boiler - Below Standard	Below Standard Boiler	Below Standard Boiler	Per Building SqFt	New	-	20	$ -	100%	-
Health	Space Heat	Boiler - Economizer	Economizer	No Economizer	Per Boiler HP	Existing	15.50	20	$ 86.84	61%	-
Health	Space Heat	Boiler - Federal Standard	Standard Boiler	Standard Boiler	Per Building SqFt	Existing	-	20	$ -	100%	-
Health	Space Heat	Boiler - Federal Standard	Standard Boiler	Standard Boiler	Per Building SqFt	New	-	20	$ -	100%	-
Health	Space Heat	Boiler - Pipe Insulation	Above Code (3" of Insulation)	Code (2" of Insulation)	Per Linear Foot of Boiler Pipe	Existing	0.15	20	$ 4.44	49%	-
Health	Space Heat	Boiler - Pipe Insulation	Above Code (3" of Insulation)	Code (2" of Insulation)	Per Linear Foot of Boiler Pipe	New	0.13	20	$ 4.44	49%	-
Health	Space Heat	Boiler - Pipe Insulation	Code (2" of Insulation)	Existing Insulation (1" of Insulation)	Per Linear Foot of Boiler Pipe	Existing	0.60	20	$ 15.16	15%	-
Health	Space Heat	Boiler - Turbulators	Boiler Turbulator	No Turbulator	Per Tube	Existing	5.77	20	$ 15.00	55%	48
Health	Space Heat	Boiler Reset Controls	Boiler Reset Controls	No Boiler Reset Controls	Per Control	Existing	1,713.23	10	$ 2,060.00	64%	183
Health	Space Heat	Boiler Reset Controls	Boiler Reset Controls	No Boiler Reset Controls	Per Control	New	1,432.15	10	$ 2,060.00	77%	5
Health	Space Heat	Commissioning	Commissioning/QI - New Installation	No Commissioning	Per SqFt	New	0.05	7	$ 1.16	90%	-
Health	Space Heat	Commissioning	Commissioning/QI - New Installation	No Commissioning	Per SqFt	New	0.06	7	$ 1.16	90%	-
Health	Space Heat	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	Existing	1,124.31	5	$13,562.29	42%	-
Health	Space Heat	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	New	939.85	5	$13,562.29	42%	-
Health	Space Heat	Direct Digital Control System-	DDC Retrofit - EMS Upgrade	Pneumatic	Per Building	Existing	1,124.31	5	$24,455.86	55%	-
Health	Space Heat	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	Existing	20.85	20	$ 477.04	75%	-
Health	Space Heat	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	New	20.85	20	$ 477.04	75%	-
Health	Space Heat	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	Existing	9.27	20	$ 60.58	61%	4
Health	Space Heat	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	New	9.27	20	$ 60.58	61%	0
Health	Space Heat	Duct Repair And Sealing	Reduction In Duct Losses to 5%	No Repair or Sealing, 15% duct losses	Per Building SqFt	Existing	0.02	18	$ 0.24	38%	-
Health	Space Heat	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	Existing	770.95	10	$ 5,450.00	64%	-
Health	Space Heat	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	Existing	844.93	10	$ 5,450.00	64%	72
Health	Space Heat	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	New	644.47	10	$ 5,450.00	64%	-
Health	Space Heat	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	New	695.31	10	$ 5,450.00	64%	-
Health	Space Heat	Furnace - 2013 Standard	2013 Standard Furnace	Standard Furnace	Per Building SqFt	Existing	0.07	20	$ 0.07	100%	-
Health	Space Heat	Furnace - 2013 Standard	2013 Standard Furnace	Standard Furnace	Per Building SqFt	New	0.06	20	$ 0.07	100%	-
Health	Space Heat	Furnace - 92% AFUE	Furnace - 92% AFUE	Standard Furnace	Per Building SqFt	Existing	0.08	20	$ 0.11	100%	-
Health	Space Heat	Furnace - 92% AFUE	Furnace - 92% AFUE	Standard Furnace	Per Building SqFt	New	0.07	20	$ 0.11	100%	-
Health	Space Heat	Furnace - 94% AFUE	Furnace - 94% AFUE	Standard Furnace	Per Building SqFt	Existing	0.09	20	$ 0.15	100%	-
Health	Space Heat	Furnace - 94% AFUE	Furnace - 94% AFUE	Standard Furnace	Per Building SqFt	New	0.07	20	$ 0.15	100%	-
Health	Space Heat	Furnace - 96% AFUE	Furnace - 96% AFUE	Standard Furnace	Per Building SqFt	Existing	0.10	20	$ 0.19	100%	68
Health	Space Heat	Furnace - 96% AFUE	Furnace - 96% AFUE	Standard Furnace	Per Building SqFt	New	0.08	20	$ 0.19	100%	4
Health	Space Heat	Furnace - Below Standard	Below Standard Furnace	Below Standard Furnace	Per Building SqFt	Existing	-	10	$ -	100%	-
Health	Space Heat	Furnace - Below Standard	Below Standard Furnace	Below Standard Furnace	Per Building SqFt	New	-	20	$ -	100%	-
Health	Space Heat	Furnace - Standard	Standard Furnace	Standard Furnace	Per Building SqFt	Existing	-	20	$ -	100%	-
Health	Space Heat	Furnace - Standard	Standard Furnace	Standard Furnace	Per Building SqFt	New	-	20	$ -	100%	-
Health	Space Heat	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	Existing	0.05	30	$ 10.13	74%	-
Health	Space Heat	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	Existing	0.05	30	$ 10.13	74%	-
Health	Space Heat	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	New	0.04	30	$ 10.13	74%	-
Health	Space Heat	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	New	0.04	30	$ 10.13	74%	-
Health	Space Heat	Infiltration Control	Weather-Stripping	Standard Practice	Per Window SqFt	Existing	0.44	13	$ 0.39	9%	-
Health	Space Heat	Infiltration Control	Weather-Stripping	Standard Practice	Per Window SqFt	Existing	0.49	13	$ 0.39	9%	19
Health	Space Heat	Infrared Heater	Infrared Heater - Gas Radiant Heating	Standard Unit Heater	Per 1000 kBTU Unit Heater	Existing	1,400.00	13	$ 502.42	3%	0
Health	Space Heat	Infrared Heater	Infrared Heater - Gas Radiant Heating	Standard Unit Heater	Per 1000 kBTU Unit Heater	New	1,400.00	13	$ 502.42	3%	0
Health	Space Heat	Insulation - Duct	New Duct Insulation (R-8) (Unconditioned	No Insulation	Per Surface Area of Duct	Existing	0.28	20	$ 2.61	15%	2
Health	Space Heat	Insulation - Floor	R-30	Average Existing Insulation (R-10)	Per Floor Area SqFt	Existing	0.02	25	$ 1.82	29%	-
Health	Space Heat	Insulation - Roof	R-20ci	Average Existing Insulation (R-10)	Per Roof Area SqFt	Existing	0.01	25	$ 1.77	12%	-

Health	Space Heat	Insulation - Wall	R-13+R-7.5ci	Average Existing Insulation (R-10)	Per Wall Area SqFt	Existing	0.04	25	$ 1.84	32%	-
Health	Space Heat	Integrated Space Heating and Water	Integrated System	Separate Boiler and Water Heater	Per 200 kBtuh Boiler	Existing	370.21	15	$ 313.47	0%	-
Health	Space Heat	Integrated Space Heating and Water	Integrated System	Separate Boiler and Water Heater	Per 200 kBtuh Boiler	New	309.47	15	$ 265.38	0%	-
Health	Space Heat	Other Space Heat - Standard	Standard Equipment Other Space Heat	Standard Equipment Other Space Heat	Per Building SqFt	Existing	-	15	$ -	100%	-
Health	Space Heat	Other Space Heat - Standard	Standard Equipment Other Space Heat	Standard Equipment Other Space Heat	Per Building SqFt	New	-	15	$ -	100%	-
Health	Space Heat	Retro-Commissioning	Retro-Commissioning	No Retro-Commissioning	Per SqFt	Existing	0.08	7	$ 0.30	90%	380
Health	Space Heat	Retro-Commissioning	Retro-Commissioning	No Retro-Commissioning	Per SqFt	Existing	0.08	7	$ 0.30	90%	425
Health	Space Heat	Thermostat Programmable	Setback Thermostat 5-1-1, 5-2 or 7-day	Manual Thermostat	Per Thermostat	Existing	128.49	15	$ 138.50	76%	-
Health	Space Heat	Thermostat Programmable	Setback Thermostat 5-1-1, 5-2 or 7-day	Manual Thermostat	Per Thermostat	Existing	140.82	15	$ 138.50	76%	-
Health	Space Heat	Tune-up - Boiler Maintenance	Boiler Maintenance (Tune-up)	Unmaintained Boiler	Per kBTU	Existing	1.03	3	$ 0.75	48%	3
Health	Space Heat	Tune-up - Furnace Maintenance	Furnace Maintenance (Tune-up)	Unmaintained Furnace	Per kBTU	Existing	1.13	3	$ 0.75	48%	4
Health	Space Heat	Variable Air-Volume Systems	Install Variable Air-Volume System	Constant Volume System	Per Sqft	Existing	0.07	15	$ 3.04	65%	-
Health	Space Heat	Vent Damper	Automatic Air Flue Damper	No Damper	Per 200 kBtuh Boiler	Existing	164.54	12	$ 318.44	21%	-
Health	Space Heat	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	Existing	0.09	25	$ 3.67	53%	-
Health	Space Heat	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	New	0.09	25	$ 3.67	59%	-
Health	Space Heat	Window - Metal Framing	U-Value = 0.55 (Code Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	0.09	25	$ 27.83	10%	-
Health	Space Heat	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	Existing	0.06	25	$ 2.08	12%	-
Health	Space Heat	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	New	0.06	25	$ 2.08	14%	-
Health	Space Heat	Window - Non-Metal Framing	U-Value = 0.35 (Code Non-Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	0.27	25	$ 42.42	12%	-
Health	Water Heat	Clothes Washer	Commercial Ozonating Clothes Washer	Standard Commercial Clothes Washer	Per Clothes Washer	Existing	224.72	10	$ 5,944.20	14%	-
Health	Water Heat	Clothes Washer	Commercial Ozonating Clothes Washer	Standard Commercial Clothes Washer	Per Clothes Washer	New	224.23	10	$ 5,944.20	14%	-
Health	Water Heat	Clothes Washer	Residential Grade, Clothes Washer Enhanced	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	86.43	11	$ 789.72	33%	-
Health	Water Heat	Clothes Washer	Residential Grade, Clothes Washer Enhanced	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	86.43	11	$ 789.72	33%	-
Health	Water Heat	Clothes Washer	Residential Grade, Clothes Washer CEE Tier 2	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	62.21	11	$ 391.57	31%	7
Health	Water Heat	Clothes Washer	Residential Grade, Clothes Washer CEE Tier 2	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	62.21	11	$ 391.57	31%	0
Health	Water Heat	Clothes Washer	Residential Grade, Clothes Washer CEE Tier 3	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	69.16	11	$ 565.12	29%	7
Health	Water Heat	Clothes Washer	Residential Grade, Clothes Washer CEE Tier 3	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	69.16	11	$ 565.12	29%	0
Health	Water Heat	Clothes Washer	Residential Grade, Clothes Washer ENERGY	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	53.88	11	$ 134.79	28%	4
Health	Water Heat	Clothes Washer	Residential Grade, Clothes Washer ENERGY	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	53.88	11	$ 134.79	28%	0
Health	Water Heat	Dishwasher	Dishwasher Enhanced Efficiency (EF 1.00) 200	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	Existing	4.26	11	$ 1,067.33	81%	-
Health	Water Heat	Dishwasher	Dishwasher Enhanced Efficiency (EF 1.00) 200	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	New	4.26	11	$ 1,067.33	81%	-
Health	Water Heat	Dishwasher	ENERGY STAR 295 kWh/yr and 4.25	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	Existing	1.89	11	$ 272.18	68%	-
Health	Water Heat	Dishwasher	ENERGY STAR 295 kWh/yr and 4.25	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	New	1.89	11	$ 272.18	68%	-
Health	Water Heat	Dishwasher	High Temp Commercial High Efficiency	Standard High Temp Commercial Dishwasher	Per Dishwasher	Existing	239.74	14	$ 442.50	8%	3
Health	Water Heat	Dishwasher	High Temp Commercial High Efficiency	Standard High Temp Commercial Dishwasher	Per Dishwasher	New	239.74	14	$ 442.50	8%	0
Health	Water Heat	Dishwasher	Low-Temp Commercial Dishwasher (Includes	Standard High Temp Commercial Dishwasher	Per Dishwasher	Existing	163.74	14	$ 307.50	9%	3
Health	Water Heat	Dishwasher	Low-Temp Commercial Dishwasher (Includes	Standard High Temp Commercial Dishwasher	Per Dishwasher	New	163.74	14	$ 307.50	9%	0
Health	Water Heat	Drainwater Heat Recovery	Install Power-Pipe or GFX System	No GFX or Power-Pipe System	Per 40 Gal Water Heater	Existing	309.53	40	$ 833.35	60%	222
Health	Water Heat	Drainwater Heat Recovery	Install Power-Pipe or GFX System	No GFX or Power-Pipe System	Per 40 Gal Water Heater	New	308.86	40	$ 666.68	83%	8
Health	Water Heat	Faucet Aerator	0.5 GPM	Existing Aerator (3.0 GPM)	Per Aerator	Existing	11.05	10	$ 4.76	63%	-
Health	Water Heat	Integrated Space Heating and Water	Integrated System	Separate Boiler and Water Heater	Per 200 kBtuh Boiler	Existing	4,455.33	15	$ 3,772.53	0%	-
Health	Water Heat	Integrated Space Heating and Water	Integrated System	Separate Boiler and Water Heater	Per 200 kBtuh Boiler	New	4,455.33	15	$ 3,820.62	0%	-
Health	Water Heat	Low-Flow Showerheads	2.0 GPM	2.5 GPM Showerhead (Federal Code)	Per Showerhead	Existing	16.25	10	$ 8.29	21%	-
Health	Water Heat	Low-Flow Showerheads	2.0 GPM	2.5 GPM Showerhead (Federal Code)	Per Showerhead	New	16.22	10	$ 8.29	21%	0
Health	Water Heat	Low-Flow Showerheads	2.5 GPM Showerhead (Federal Code)	Existing Showerhead (4.5 GPM)	Per Showerhead	Existing	36.11	10	$ 31.27	9%	25
Health	Water Heat	Low-Flow Spray Heads	1.0 GPM	1.6 GPM (Code)	Per Spray Head	Existing	18.39	5	$ 39.09	13%	-
Health	Water Heat	Low-Flow Spray Heads	1.0 GPM	1.6 GPM (Code)	Per Spray Head	New	18.39	5	$ 39.09	13%	-
Health	Water Heat	Low-Flow Spray Heads	1.6 GPM (Code)	Existing Spray Head (2.5 GPM)	Per Spray Head	Existing	27.58	5	$ 30.00	8%	-
Health	Water Heat	Ultrasonic Faucet Control	Install Ultrasonic Faucet Control	No Faucet Control	Per Faucet	Existing	3.32	10	$ 196.25	86%	-
Health	Water Heat	Ultrasonic Faucet Control	Install Ultrasonic Faucet Control	No Faucet Control	Per Faucet	New	3.31	10	$ 196.25	86%	-
Health	Water Heat	Water Heater - 0.67 EF	Water Heater - 0.67 EF	Standard Water Heater	Per Building SqFt	Existing	0.04	13	$ 0.01	100%	-
Health	Water Heat	Water Heater - 0.67 EF	Water Heater - 0.67 EF	Standard Water Heater	Per Building SqFt	New	0.04	13	$ 0.01	100%	-
Health	Water Heat	Water Heater - 2015 Standard	2015 Standard Water Heater	Standard Water Heater	Per Building SqFt	Existing	0.02	13	$ 0.00	100%	-
Health	Water Heat	Water Heater - 2015 Standard	2015 Standard Water Heater	Standard Water Heater	Per Building SqFt	New	0.02	13	$ 0.00	100%	-
Health	Water Heat	Water Heater - Below Standard	Below Standard Water Heater	Below Standard Water Heater	Per Building SqFt	Existing	-	6	$ -	100%	-
Health	Water Heat	Water Heater - Below Standard	Below Standard Water Heater	Below Standard Water Heater	Per Building SqFt	New	-	13	$ -	100%	-
Health	Water Heat	Water Heater - Condensing 0.80 EF	Water Heater - Condensing 0.80 EF	Standard Water Heater	Per Building SqFt	Existing	0.07	13	$ 0.08	100%	-
Health	Water Heat	Water Heater - Condensing 0.80 EF	Water Heater - Condensing 0.80 EF	Standard Water Heater	Per Building SqFt	New	0.07	13	$ 0.08	100%	-
Health	Water Heat	Water Heater - Pipe Insulation	Hot Water Pipe Insulation (R-4)	No Pipe Insulation	Per Linear Foot	Existing	4.64	13	$ 2.10	52%	-
Health	Water Heat	Water Heater - Standard	Standard Water Heater	Standard Water Heater	Per Building SqFt	Existing	-	13	$ -	100%	-
Health	Water Heat	Water Heater - Standard	Standard Water Heater	Standard Water Heater	Per Building SqFt	New	-	13	$ -	100%	-
Health	Water Heat	Water Heater - Tank Blanket/Insulation	Install Insulation (R-11)	No Tank Insulation	Per Water Heater	Existing	61.91	7	$ 62.60	5%	-
Health	Water Heat	Water Heater - Tankless 0.82 EF	Water Heater - Tankless 0.82 EF	Standard Water Heater	Per Building SqFt	Existing	0.08	13	$ 0.03	100%	248

Health	Water Heat	Water Heater - Tankless 0.82 EF	Water Heater - Tankless 0.82 EF	Standard Water Heater	Per Building SqFt	New	0.08	13	$ 0.03	100%	13
Health	Water Heat	Water Heater - Thermostat Setback	Install Programmable Thermostat (120 Degrees)	No Thermostat Setback (130 Degrees)	Per Water Heater	Existing	210.56	4	$ 102.34	75%	17
Large Office	Other	Other - Standard	Standard Other Equipment	Standard Other Equipment	Per Building SqFt	Existing	-	10	$ -	100%	-
Large Office	Other	Other - Standard	Standard Other Equipment	Standard Other Equipment	Per Building SqFt	New	-	10	$ -	100%	-
Large Office	Space Heat	Boiler - 2013 Federal Standard	2013 Standard Boiler	Standard Boiler	Per Building SqFt	Existing	0.01	20	$ 0.04	100%	-
Large Office	Space Heat	Boiler - 2013 Federal Standard	2013 Standard Boiler	Standard Boiler	Per Building SqFt	New	0.01	20	$ 0.04	100%	-
Large Office	Space Heat	Boiler - 85% AFUE	Boiler - 85% AFUE	Standard Boiler	Per Building SqFt	Existing	0.02	20	$ 0.09	100%	-
Large Office	Space Heat	Boiler - 85% AFUE	Boiler - 85% AFUE	Standard Boiler	Per Building SqFt	New	0.02	20	$ 0.09	100%	-
Large Office	Space Heat	Boiler - 90% AFUE	Boiler - 90% AFUE	Standard Boiler	Per Building SqFt	Existing	0.04	20	$ 0.19	100%	-
Large Office	Space Heat	Boiler - 90% AFUE	Boiler - 90% AFUE	Standard Boiler	Per Building SqFt	New	0.04	20	$ 0.19	100%	-
Large Office	Space Heat	Boiler - 94% AFUE	Boiler - 94% AFUE	Standard Boiler	Per Building SqFt	Existing	0.06	20	$ 0.26	100%	-
Large Office	Space Heat	Boiler - 94% AFUE	Boiler - 94% AFUE	Standard Boiler	Per Building SqFt	New	0.05	20	$ 0.26	100%	-
Large Office	Space Heat	Boiler - 96% AFUE	Boiler - 96% AFUE	Standard Boiler	Per Building SqFt	Existing	0.06	20	$ 0.30	100%	284
Large Office	Space Heat	Boiler - 96% AFUE	Boiler - 96% AFUE	Standard Boiler	Per Building SqFt	New	0.06	20	$ 0.30	100%	20
Large Office	Space Heat	Boiler - Below Standard	Below Standard Boiler	Below Standard Boiler	Per Building SqFt	Existing	-	10	$ -	100%	-
Large Office	Space Heat	Boiler - Below Standard	Below Standard Boiler	Below Standard Boiler	Per Building SqFt	New	-	20	$ -	100%	-
Large Office	Space Heat	Boiler - Economizer	Economizer	No Economizer	Per Boiler HP	Existing	45.07	20	$ 86.84	74%	-
Large Office	Space Heat	Boiler - Federal Standard	Standard Boiler	Standard Boiler	Per Building SqFt	Existing	-	20	$ -	100%	-
Large Office	Space Heat	Boiler - Federal Standard	Standard Boiler	Standard Boiler	Per Building SqFt	New	-	20	$ -	100%	-
Large Office	Space Heat	Boiler - Pipe Insulation	Above Code (3" of Insulation)	Code (2" of Insulation)	Per Linear Foot of Boiler Pipe	Existing	0.18	20	$ 4.44	49%	-
Large Office	Space Heat	Boiler - Pipe Insulation	Above Code (3" of Insulation)	Code (2" of Insulation)	Per Linear Foot of Boiler Pipe	New	0.16	20	$ 4.44	49%	-
Large Office	Space Heat	Boiler - Pipe Insulation	Code (2" of Insulation)	Existing Insulation (1" of Insulation)	Per Linear Foot of Boiler Pipe	Existing	0.71	20	$ 15.16	15%	-
Large Office	Space Heat	Boiler - Turbulators	Boiler Turbulator	No Turbulator	Per Tube	Existing	16.70	20	$ 15.00	55%	-
Large Office	Space Heat	Boiler Reset Controls	Boiler Reset Controls	No Boiler Reset Controls	Per Control	Existing	2,480.59	10	$ 2,060.00	64%	93
Large Office	Space Heat	Boiler Reset Controls	Boiler Reset Controls	No Boiler Reset Controls	Per Control	New	2,175.22	10	$ 2,060.00	77%	9
Large Office	Space Heat	Commissioning	Commissioning/QI - New Installation	No Commissioning	Per SqFt	New	0.04	7	$ 1.16	90%	-
Large Office	Space Heat	Commissioning	Commissioning/QI - New Installation	No Commissioning	Per SqFt	New	0.05	7	$ 1.16	90%	-
Large Office	Space Heat	Demand Controlled Ventilation	Demand Controlled Ventilation - DCV	Constant Ventilation	Per Sensor	Existing	58.23	15	$ 450.00	43%	556
Large Office	Space Heat	Demand Controlled Ventilation	Demand Controlled Ventilation - DCV	Constant Ventilation	Per Sensor	Existing	62.85	15	$ 450.00	43%	726
Large Office	Space Heat	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	Existing	3,255.77	5	$24,507.39	51%	-
Large Office	Space Heat	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	New	2,854.98	5	$24,507.39	51%	-
Large Office	Space Heat	Direct Digital Control System-	DDC Retrofit - EMS Upgrade	Pneumatic	Per Building	Existing	3,255.77	5	$44,782.47	51%	-
Large Office	Space Heat	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	Existing	20.85	20	$ 477.04	75%	-
Large Office	Space Heat	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	New	20.85	20	$ 477.04	75%	-
Large Office	Space Heat	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	Existing	9.27	20	$ 60.58	61%	5
Large Office	Space Heat	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	New	9.27	20	$ 60.58	61%	0
Large Office	Space Heat	Duct Repair And Sealing	Reduction In Duct Losses to 5%	No Repair or Sealing, 15% duct losses	Per Building SqFt	Existing	0.01	18	$ 0.24	38%	-
Large Office	Space Heat	Furnace - 2013 Standard	2013 Standard Furnace	Standard Furnace	Per Building SqFt	Existing	0.06	20	$ 0.05	100%	-
Large Office	Space Heat	Furnace - 2013 Standard	2013 Standard Furnace	Standard Furnace	Per Building SqFt	New	0.05	20	$ 0.05	100%	-
Large Office	Space Heat	Furnace - 92% AFUE	Furnace - 92% AFUE	Standard Furnace	Per Building SqFt	Existing	0.06	20	$ 0.08	100%	-
Large Office	Space Heat	Furnace - 92% AFUE	Furnace - 92% AFUE	Standard Furnace	Per Building SqFt	New	0.06	20	$ 0.08	100%	-
Large Office	Space Heat	Furnace - 94% AFUE	Furnace - 94% AFUE	Standard Furnace	Per Building SqFt	Existing	0.07	20	$ 0.10	100%	-
Large Office	Space Heat	Furnace - 94% AFUE	Furnace - 94% AFUE	Standard Furnace	Per Building SqFt	New	0.06	20	$ 0.10	100%	-
Large Office	Space Heat	Furnace - 96% AFUE	Furnace - 96% AFUE	Standard Furnace	Per Building SqFt	Existing	0.08	20	$ 0.14	100%	138
Large Office	Space Heat	Furnace - 96% AFUE	Furnace - 96% AFUE	Standard Furnace	Per Building SqFt	New	0.07	20	$ 0.14	100%	11
Large Office	Space Heat	Furnace - Below Standard	Below Standard Furnace	Below Standard Furnace	Per Building SqFt	Existing	-	10	$ -	100%	-
Large Office	Space Heat	Furnace - Below Standard	Below Standard Furnace	Below Standard Furnace	Per Building SqFt	New	-	20	$ -	100%	-
Large Office	Space Heat	Furnace - Standard	Standard Furnace	Standard Furnace	Per Building SqFt	Existing	-	20	$ -	100%	-
Large Office	Space Heat	Furnace - Standard	Standard Furnace	Standard Furnace	Per Building SqFt	New	-	20	$ -	100%	-
Large Office	Space Heat	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	Existing	0.04	30	$ 10.13	74%	-
Large Office	Space Heat	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	Existing	0.04	30	$ 10.13	74%	-
Large Office	Space Heat	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	New	0.03	30	$ 10.13	74%	-
Large Office	Space Heat	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	New	0.04	30	$ 10.13	74%	-
Large Office	Space Heat	Infiltration Control	Weather-Stripping	Standard Practice	Per Window SqFt	Existing	0.50	13	$ 0.39	9%	-
Large Office	Space Heat	Infiltration Control	Weather-Stripping	Standard Practice	Per Window SqFt	Existing	0.54	13	$ 0.39	9%	41
Large Office	Space Heat	Infrared Heater	Infrared Heater - Gas Radiant Heating	Standard Unit Heater	Per 1000 kBTU Unit Heater	Existing	1,040.00	13	$ 502.42	3%	3
Large Office	Space Heat	Infrared Heater	Infrared Heater - Gas Radiant Heating	Standard Unit Heater	Per 1000 kBTU Unit Heater	New	1,040.00	13	$ 502.42	3%	0
Large Office	Space Heat	Insulation - Duct	New Duct Insulation (R-8) (Unconditioned	No Insulation	Per Surface Area of Duct	Existing	0.22	20	$ 2.61	15%	4
Large Office	Space Heat	Insulation - Floor	R-30	Average Existing Insulation (R-10)	Per Floor Area SqFt	Existing	0.02	25	$ 1.82	29%	-
Large Office	Space Heat	Insulation - Roof	R-20ci	Average Existing Insulation (R-10)	Per Roof Area SqFt	Existing	0.01	25	$ 1.77	12%	-
Large Office	Space Heat	Insulation - Wall	R-13+R-7.5ci	Average Existing Insulation (R-10)	Per Wall Area SqFt	Existing	0.04	25	$ 1.84	32%	-
Large Office	Space Heat	Integrated Space Heating and Water	Integrated System	Separate Boiler and Water Heater	Per 200 kBtuh Boiler	Existing	438.83	15	$ 1,205.39	0%	-
Large Office	Space Heat	Integrated Space Heating and Water	Integrated System	Separate Boiler and Water Heater	Per 200 kBtuh Boiler	New	384.81	15	$ 1,096.84	0%	-

Large Office	Space Heat	Other Space Heat - Standard	Standard Equipment Other Space Heat	Standard Equipment Other Space Heat	Per Building SqFt	Existing	-	15	$ -	100%	-
Large Office	Space Heat	Other Space Heat - Standard	Standard Equipment Other Space Heat	Standard Equipment Other Space Heat	Per Building SqFt	New	-	15	$ -	100%	-
Large Office	Space Heat	Retro-Commissioning	Retro-Commissioning	No Retro-Commissioning	Per SqFt	Existing	0.06	7	$ 0.30	90%	721
Large Office	Space Heat	Retro-Commissioning	Retro-Commissioning	No Retro-Commissioning	Per SqFt	Existing	0.07	7	$ 0.30	90%	942
Large Office	Space Heat	Thermostat Programmable	Setback Thermostat 5-1-1, 5-2 or 7-day	Manual Thermostat	Per Thermostat	Existing	148.84	15	$ 138.50	79%	-
Large Office	Space Heat	Thermostat Programmable	Setback Thermostat 5-1-1, 5-2 or 7-day	Manual Thermostat	Per Thermostat	Existing	160.65	15	$ 138.50	79%	-
Large Office	Space Heat	Tune-up - Boiler Maintenance	Boiler Maintenance (Tune-up)	Unmaintained Boiler	Per kBTU	Existing	1.22	3	$ 0.75	48%	6
Large Office	Space Heat	Tune-up - Furnace Maintenance	Furnace Maintenance (Tune-up)	Unmaintained Furnace	Per kBTU	Existing	1.32	3	$ 0.75	48%	8
Large Office	Space Heat	Variable Air-Volume Systems	Install Variable Air-Volume System	Constant Volume System	Per Sqft	Existing	0.05	15	$ 3.04	62%	-
Large Office	Space Heat	Vent Damper	Automatic Air Flue Damper	No Damper	Per 200 kBtuh Boiler	Existing	195.03	12	$ 318.44	21%	-
Large Office	Space Heat	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	Existing	0.09	25	$ 3.67	62%	-
Large Office	Space Heat	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	New	0.09	25	$ 3.67	69%	-
Large Office	Space Heat	Window - Metal Framing	U-Value = 0.55 (Code Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	0.09	25	$ 27.83	11%	-
Large Office	Space Heat	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	Existing	0.06	25	$ 2.08	1%	-
Large Office	Space Heat	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	New	0.06	25	$ 2.08	1%	-
Large Office	Space Heat	Window - Non-Metal Framing	U-Value = 0.35 (Code Non-Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	0.27	25	$ 42.42	1%	-
Large Office	Water Heat	Dishwasher	Dishwasher Enhanced Efficiency (EF 1.00) 200	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	Existing	4.26	11	$ 1,067.33	86%	-
Large Office	Water Heat	Dishwasher	Dishwasher Enhanced Efficiency (EF 1.00) 200	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	New	4.26	11	$ 1,067.33	86%	-
Large Office	Water Heat	Dishwasher	ENERGY STAR 295 kWh/yr and 4.25	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	Existing	1.89	11	$ 272.18	72%	-
Large Office	Water Heat	Dishwasher	ENERGY STAR 295 kWh/yr and 4.25	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	New	1.89	11	$ 272.18	72%	-
Large Office	Water Heat	Drainwater Heat Recovery	Install Power-Pipe or GFX System	No GFX or Power-Pipe System	Per 40 Gal Water Heater	Existing	1,516.78	40	$ 833.35	60%	317
Large Office	Water Heat	Drainwater Heat Recovery	Install Power-Pipe or GFX System	No GFX or Power-Pipe System	Per 40 Gal Water Heater	New	1,513.49	40	$ 666.68	83%	11
Large Office	Water Heat	Faucet Aerator	0.5 GPM	Existing Aerator (3.0 GPM)	Per Aerator	Existing	23.70	10	$ 4.76	63%	-
Large Office	Water Heat	Integrated Space Heating and Water	Integrated System	Separate Boiler and Water Heater	Per 200 kBtuh Boiler	Existing	1,048.69	15	$ 2,880.61	0%	-
Large Office	Water Heat	Integrated Space Heating and Water	Integrated System	Separate Boiler and Water Heater	Per 200 kBtuh Boiler	New	1,048.69	15	$ 2,989.16	0%	-
Large Office	Water Heat	Ultrasonic Faucet Control	Install Ultrasonic Faucet Control	No Faucet Control	Per Faucet	Existing	9.48	10	$ 196.25	81%	-
Large Office	Water Heat	Ultrasonic Faucet Control	Install Ultrasonic Faucet Control	No Faucet Control	Per Faucet	New	9.46	10	$ 196.25	81%	-
Large Office	Water Heat	Water Heater - 0.67 EF	Water Heater - 0.67 EF	Standard Water Heater	Per Building SqFt	Existing	0.02	13	$ 0.00	100%	-
Large Office	Water Heat	Water Heater - 0.67 EF	Water Heater - 0.67 EF	Standard Water Heater	Per Building SqFt	New	0.02	13	$ 0.00	100%	-
Large Office	Water Heat	Water Heater - 2015 Standard	2015 Standard Water Heater	Standard Water Heater	Per Building SqFt	Existing	0.01	13	$ 0.00	100%	-
Large Office	Water Heat	Water Heater - 2015 Standard	2015 Standard Water Heater	Standard Water Heater	Per Building SqFt	New	0.01	13	$ 0.00	100%	-
Large Office	Water Heat	Water Heater - Below Standard	Below Standard Water Heater	Below Standard Water Heater	Per Building SqFt	Existing	-	6	$ -	100%	-
Large Office	Water Heat	Water Heater - Below Standard	Below Standard Water Heater	Below Standard Water Heater	Per Building SqFt	New	-	13	$ -	100%	-
Large Office	Water Heat	Water Heater - Condensing 0.80 EF	Water Heater - Condensing 0.80 EF	Standard Water Heater	Per Building SqFt	Existing	0.03	13	$ 0.04	100%	-
Large Office	Water Heat	Water Heater - Condensing 0.80 EF	Water Heater - Condensing 0.80 EF	Standard Water Heater	Per Building SqFt	New	0.03	13	$ 0.04	100%	-
Large Office	Water Heat	Water Heater - Pipe Insulation	Hot Water Pipe Insulation (R-4)	No Pipe Insulation	Per Linear Foot	Existing	18.96	13	$ 2.10	52%	-
Large Office	Water Heat	Water Heater - Standard	Standard Water Heater	Standard Water Heater	Per Building SqFt	Existing	-	13	$ -	100%	-
Large Office	Water Heat	Water Heater - Standard	Standard Water Heater	Standard Water Heater	Per Building SqFt	New	-	13	$ -	100%	-
Large Office	Water Heat	Water Heater - Tank Blanket/Insulation	Install Insulation (R-11)	No Tank Insulation	Per Water Heater	Existing	303.36	7	$ 62.60	5%	-
Large Office	Water Heat	Water Heater - Tankless 0.82 EF	Water Heater - Tankless 0.82 EF	Standard Water Heater	Per Building SqFt	Existing	0.04	13	$ 0.02	100%	355
Large Office	Water Heat	Water Heater - Tankless 0.82 EF	Water Heater - Tankless 0.82 EF	Standard Water Heater	Per Building SqFt	New	0.04	13	$ 0.02	100%	18
Large Office	Water Heat	Water Heater - Thermostat Setback	Install Programmable Thermostat (120 Degrees)	No Thermostat Setback (130 Degrees)	Per Water Heater	Existing	1,031.82	4	$ 102.34	35%	39
Large Retail	Other	Other - Standard	Standard Other Equipment	Standard Other Equipment	Per Building SqFt	Existing	-	10	$ -	100%	-
Large Retail	Other	Other - Standard	Standard Other Equipment	Standard Other Equipment	Per Building SqFt	New	-	10	$ -	100%	-
Large Retail	Space Heat	Boiler - 2013 Federal Standard	2013 Standard Boiler	Standard Boiler	Per Building SqFt	Existing	0.01	20	$ 0.09	100%	-
Large Retail	Space Heat	Boiler - 2013 Federal Standard	2013 Standard Boiler	Standard Boiler	Per Building SqFt	New	0.01	20	$ 0.09	100%	-
Large Retail	Space Heat	Boiler - 85% AFUE	Boiler - 85% AFUE	Standard Boiler	Per Building SqFt	Existing	0.02	20	$ 0.24	100%	-
Large Retail	Space Heat	Boiler - 85% AFUE	Boiler - 85% AFUE	Standard Boiler	Per Building SqFt	New	0.02	20	$ 0.24	100%	7
Large Retail	Space Heat	Boiler - 90% AFUE	Boiler - 90% AFUE	Standard Boiler	Per Building SqFt	Existing	0.04	20	$ 0.47	100%	-
Large Retail	Space Heat	Boiler - 90% AFUE	Boiler - 90% AFUE	Standard Boiler	Per Building SqFt	New	0.00	20	$ 0.47	100%	-
Large Retail	Space Heat	Boiler - 94% AFUE	Boiler - 94% AFUE	Standard Boiler	Per Building SqFt	Existing	0.05	20	$ 0.66	100%	361
Large Retail	Space Heat	Boiler - 94% AFUE	Boiler - 94% AFUE	Standard Boiler	Per Building SqFt	New	0.02	20	$ 0.66	100%	-
Large Retail	Space Heat	Boiler - 96% AFUE	Boiler - 96% AFUE	Standard Boiler	Per Building SqFt	Existing	0.06	20	$ 0.76	100%	-
Large Retail	Space Heat	Boiler - 96% AFUE	Boiler - 96% AFUE	Standard Boiler	Per Building SqFt	New	0.02	20	$ 0.76	100%	-
Large Retail	Space Heat	Boiler - Below Standard	Below Standard Boiler	Below Standard Boiler	Per Building SqFt	Existing	-	10	$ -	100%	-
Large Retail	Space Heat	Boiler - Below Standard	Below Standard Boiler	Below Standard Boiler	Per Building SqFt	New	-	20	$ -	100%	-
Large Retail	Space Heat	Boiler - Economizer	Economizer	No Economizer	Per Boiler HP	Existing	35.93	20	$ 86.84	75%	-
Large Retail	Space Heat	Boiler - Federal Standard	Standard Boiler	Standard Boiler	Per Building SqFt	Existing	-	20	$ -	100%	-
Large Retail	Space Heat	Boiler - Federal Standard	Standard Boiler	Standard Boiler	Per Building SqFt	New	-	20	$ -	100%	-
Large Retail	Space Heat	Boiler - Pipe Insulation	Above Code (3" of Insulation)	Code (2" of Insulation)	Per Linear Foot of Boiler Pipe	Existing	0.07	20	$ 4.44	49%	-
Large Retail	Space Heat	Boiler - Pipe Insulation	Above Code (3" of Insulation)	Code (2" of Insulation)	Per Linear Foot of Boiler Pipe	New	0.06	20	$ 4.44	49%	-
Large Retail	Space Heat	Boiler - Pipe Insulation	Code (2" of Insulation)	Existing Insulation (1" of Insulation)	Per Linear Foot of Boiler Pipe	Existing	0.27	20	$ 15.16	15%	-
Large Retail	Space Heat	Boiler - Turbulators	Boiler Turbulator	No Turbulator	Per Tube	Existing	6.25	20	$ 15.00	55%	126

Large Retail	Space Heat	Boiler Reset Controls	Boiler Reset Controls	No Boiler Reset Controls	Per Control	Existing	928.86	10	$ 2,060.00	64%	440
Large Retail	Space Heat	Boiler Reset Controls	Boiler Reset Controls	No Boiler Reset Controls	Per Control	New	856.09	10	$ 2,060.00	77%	15
Large Retail	Space Heat	Commissioning	Commissioning/QI - New Installation	No Commissioning	Per SqFt	New	0.04	7	$ 1.16	90%	-
Large Retail	Space Heat	Commissioning	Commissioning/QI - New Installation	No Commissioning	Per SqFt	New	0.05	7	$ 1.16	90%	-
Large Retail	Space Heat	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	Existing	1,219.12	5	$ 9,117.67	75%	-
Large Retail	Space Heat	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	New	1,123.62	5	$ 9,117.67	75%	-
Large Retail	Space Heat	Direct Digital Control System-	DDC Retrofit - EMS Upgrade	Pneumatic	Per Building	Existing	1,219.12	5	$16,201.57	85%	-
Large Retail	Space Heat	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	Existing	20.85	20	$ 477.04	75%	-
Large Retail	Space Heat	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	New	20.85	20	$ 477.04	75%	-
Large Retail	Space Heat	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	Existing	9.27	20	$ 60.58	61%	23
Large Retail	Space Heat	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	New	9.27	20	$ 60.58	61%	1
Large Retail	Space Heat	Duct Repair And Sealing	Reduction In Duct Losses to 5%	No Repair or Sealing, 15% duct losses	Per Building SqFt	Existing	0.01	18	$ 0.24	38%	34
Large Retail	Space Heat	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	Existing	835.97	10	$ 5,450.00	64%	-
Large Retail	Space Heat	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	New	770.48	10	$ 5,450.00	64%	-
Large Retail	Space Heat	Furnace - 2013 Standard	2013 Standard Furnace	Standard Furnace	Per Building SqFt	Existing	0.05	20	$ 0.12	100%	-
Large Retail	Space Heat	Furnace - 2013 Standard	2013 Standard Furnace	Standard Furnace	Per Building SqFt	New	0.05	20	$ 0.12	100%	-
Large Retail	Space Heat	Furnace - 92% AFUE	Furnace - 92% AFUE	Standard Furnace	Per Building SqFt	Existing	0.06	20	$ 0.19	100%	-
Large Retail	Space Heat	Furnace - 92% AFUE	Furnace - 92% AFUE	Standard Furnace	Per Building SqFt	New	0.06	20	$ 0.19	100%	-
Large Retail	Space Heat	Furnace - 94% AFUE	Furnace - 94% AFUE	Standard Furnace	Per Building SqFt	Existing	0.07	20	$ 0.26	100%	-
Large Retail	Space Heat	Furnace - 94% AFUE	Furnace - 94% AFUE	Standard Furnace	Per Building SqFt	New	0.07	20	$ 0.26	100%	-
Large Retail	Space Heat	Furnace - 96% AFUE	Furnace - 96% AFUE	Standard Furnace	Per Building SqFt	Existing	0.07	20	$ 0.34	100%	364
Large Retail	Space Heat	Furnace - 96% AFUE	Furnace - 96% AFUE	Standard Furnace	Per Building SqFt	New	0.07	20	$ 0.34	100%	28
Large Retail	Space Heat	Furnace - Below Standard	Below Standard Furnace	Below Standard Furnace	Per Building SqFt	Existing	-	10	$ -	100%	-
Large Retail	Space Heat	Furnace - Below Standard	Below Standard Furnace	Below Standard Furnace	Per Building SqFt	New	-	20	$ -	100%	-
Large Retail	Space Heat	Furnace - Standard	Standard Furnace	Standard Furnace	Per Building SqFt	Existing	-	20	$ -	100%	-
Large Retail	Space Heat	Furnace - Standard	Standard Furnace	Standard Furnace	Per Building SqFt	New	-	20	$ -	100%	-
Large Retail	Space Heat	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	Existing	0.04	30	$ 10.13	74%	-
Large Retail	Space Heat	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	Existing	0.04	30	$ 10.13	74%	-
Large Retail	Space Heat	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	New	0.03	30	$ 10.13	74%	-
Large Retail	Space Heat	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	New	0.04	30	$ 10.13	74%	-
Large Retail	Space Heat	Infiltration Control	Weather-Stripping	Standard Practice	Per Window SqFt	Existing	0.48	13	$ 0.39	9%	-
Large Retail	Space Heat	Infiltration Control	Weather-Stripping	Standard Practice	Per Window SqFt	Existing	0.51	13	$ 0.39	9%	98
Large Retail	Space Heat	Infrared Heater	Infrared Heater - Gas Radiant Heating	Standard Unit Heater	Per 1000 kBTU Unit Heater	Existing	1,200.00	13	$ 502.42	3%	9
Large Retail	Space Heat	Infrared Heater	Infrared Heater - Gas Radiant Heating	Standard Unit Heater	Per 1000 kBTU Unit Heater	New	1,200.00	13	$ 502.42	3%	0
Large Retail	Space Heat	Insulation - Duct	New Duct Insulation (R-8) (Unconditioned	No Insulation	Per Surface Area of Duct	Existing	0.21	20	$ 2.61	15%	98
Large Retail	Space Heat	Insulation - Floor	R-30	Average Existing Insulation (R-10)	Per Floor Area SqFt	Existing	0.02	25	$ 1.82	29%	-
Large Retail	Space Heat	Insulation - Roof	R-20ci	Average Existing Insulation (R-10)	Per Roof Area SqFt	Existing	0.01	25	$ 1.77	12%	-
Large Retail	Space Heat	Insulation - Wall	R-13+R-7.5ci	Average Existing Insulation (R-10)	Per Wall Area SqFt	Existing	0.04	25	$ 1.84	32%	-
Large Retail	Space Heat	Integrated Space Heating and Water	Integrated System	Separate Boiler and Water Heater	Per 200 kBtuh Boiler	Existing	164.97	15	$ 1,100.57	0%	-
Large Retail	Space Heat	Integrated Space Heating and Water	Integrated System	Separate Boiler and Water Heater	Per 200 kBtuh Boiler	New	152.04	15	$ 1,036.22	0%	-
Large Retail	Space Heat	Other Space Heat - Standard	Standard Equipment Other Space Heat	Standard Equipment Other Space Heat	Per Building SqFt	Existing	-	15	$ -	100%	-
Large Retail	Space Heat	Other Space Heat - Standard	Standard Equipment Other Space Heat	Standard Equipment Other Space Heat	Per Building SqFt	New	-	15	$ -	100%	-
Large Retail	Space Heat	Retro-Commissioning	Retro-Commissioning	No Retro-Commissioning	Per SqFt	Existing	0.06	7	$ 0.30	90%	933
Large Retail	Space Heat	Retro-Commissioning	Retro-Commissioning	No Retro-Commissioning	Per SqFt	Existing	0.06	7	$ 0.30	90%	2,223
Large Retail	Space Heat	Thermostat Programmable	Setback Thermostat 5-1-1, 5-2 or 7-day	Manual Thermostat	Per Thermostat	Existing	278.66	15	$ 138.50	88%	-
Large Retail	Space Heat	Thermostat Programmable	Setback Thermostat 5-1-1, 5-2 or 7-day	Manual Thermostat	Per Thermostat	Existing	293.18	15	$ 138.50	88%	43
Large Retail	Space Heat	Tune-up - Boiler Maintenance	Boiler Maintenance (Tune-up)	Unmaintained Boiler	Per kBTU	Existing	0.46	3	$ 0.75	48%	7
Large Retail	Space Heat	Tune-up - Furnace Maintenance	Furnace Maintenance (Tune-up)	Unmaintained Furnace	Per kBTU	Existing	0.48	3	$ 0.75	48%	16
Large Retail	Space Heat	Variable Air-Volume Systems	Install Variable Air-Volume System	Constant Volume System	Per Sqft	Existing	0.05	15	$ 3.04	65%	-
Large Retail	Space Heat	Vent Damper	Automatic Air Flue Damper	No Damper	Per 200 kBtuh Boiler	Existing	73.32	12	$ 318.44	21%	-
Large Retail	Space Heat	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	Existing	0.09	25	$ 3.67	59%	-
Large Retail	Space Heat	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	New	0.09	25	$ 3.67	66%	-
Large Retail	Space Heat	Window - Metal Framing	U-Value = 0.55 (Code Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	0.09	25	$ 27.83	11%	-
Large Retail	Space Heat	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	Existing	0.06	25	$ 2.08	4%	-
Large Retail	Space Heat	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	New	0.06	25	$ 2.08	5%	-
Large Retail	Space Heat	Window - Non-Metal Framing	U-Value = 0.35 (Code Non-Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	0.27	25	$ 42.42	4%	-
Large Retail	Water Heat	Dishwasher	Dishwasher Enhanced Efficiency (EF 1.00) 200	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	Existing	4.26	11	$ 1,067.33	14%	-
Large Retail	Water Heat	Dishwasher	Dishwasher Enhanced Efficiency (EF 1.00) 200	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	New	4.26	11	$ 1,067.33	14%	-
Large Retail	Water Heat	Dishwasher	ENERGY STAR 295 kWh/yr and 4.25	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	Existing	1.89	11	$ 272.18	12%	-
Large Retail	Water Heat	Dishwasher	ENERGY STAR 295 kWh/yr and 4.25	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	New	1.89	11	$ 272.18	12%	-
Large Retail	Water Heat	Dishwasher	High Temp Commercial High Efficiency	Standard High Temp Commercial Dishwasher	Per Dishwasher	Existing	146.61	14	$ 442.50	1%	1
Large Retail	Water Heat	Dishwasher	High Temp Commercial High Efficiency	Standard High Temp Commercial Dishwasher	Per Dishwasher	New	146.61	14	$ 442.50	1%	0
Large Retail	Water Heat	Dishwasher	Low-Temp Commercial Dishwasher (Includes	Standard High Temp Commercial Dishwasher	Per Dishwasher	Existing	100.13	14	$ 307.50	1%	1

Large Retail	Water Heat	Dishwasher	Low-Temp Commercial Dishwasher (Includes	Standard High Temp Commercial Dishwasher	Per Dishwasher	New	100.13	14	$ 307.50	1%	0
Large Retail	Water Heat	Drainwater Heat Recovery	Install Power-Pipe or GFX System	No GFX or Power-Pipe System	Per 40 Gal Water Heater	Existing	793.94	40	$ 833.35	60%	724
Large Retail	Water Heat	Drainwater Heat Recovery	Install Power-Pipe or GFX System	No GFX or Power-Pipe System	Per 40 Gal Water Heater	New	792.22	40	$ 666.68	83%	26
Large Retail	Water Heat	Faucet Aerator	0.5 GPM	Existing Aerator (3.0 GPM)	Per Aerator	Existing	41.35	10	$ 4.76	63%	-
Large Retail	Water Heat	Integrated Space Heating and Water	Integrated System	Separate Boiler and Water Heater	Per 200 kBtuh Boiler	Existing	447.49	15	$ 2,985.43	0%	-
Large Retail	Water Heat	Integrated Space Heating and Water	Integrated System	Separate Boiler and Water Heater	Per 200 kBtuh Boiler	New	447.49	15	$ 3,049.78	0%	-
Large Retail	Water Heat	Low-Flow Spray Heads	1.0 GPM	1.6 GPM (Code)	Per Spray Head	Existing	18.39	5	$ 39.09	51%	-
Large Retail	Water Heat	Low-Flow Spray Heads	1.0 GPM	1.6 GPM (Code)	Per Spray Head	New	18.39	5	$ 39.09	51%	0
Large Retail	Water Heat	Low-Flow Spray Heads	1.6 GPM (Code)	Existing Spray Head (2.5 GPM)	Per Spray Head	Existing	27.58	5	$ 30.00	33%	-
Large Retail	Water Heat	Refrigeration with Heat Recovery	Heat Recovery from Refrigeration System.	No Heat Recovery	Per sqft	Existing	0.04	16	$ 0.91	50%	-
Large Retail	Water Heat	Ultrasonic Faucet Control	Install Ultrasonic Faucet Control	No Faucet Control	Per Faucet	Existing	16.54	10	$ 196.25	81%	-
Large Retail	Water Heat	Ultrasonic Faucet Control	Install Ultrasonic Faucet Control	No Faucet Control	Per Faucet	New	16.50	10	$ 196.25	81%	-
Large Retail	Water Heat	Water Heater - 0.67 EF	Water Heater - 0.67 EF	Standard Water Heater	Per Building SqFt	Existing	0.02	13	$ 0.01	100%	-
Large Retail	Water Heat	Water Heater - 0.67 EF	Water Heater - 0.67 EF	Standard Water Heater	Per Building SqFt	New	0.02	13	$ 0.01	100%	-
Large Retail	Water Heat	Water Heater - 2015 Standard	2015 Standard Water Heater	Standard Water Heater	Per Building SqFt	Existing	0.01	13	$ 0.00	100%	-
Large Retail	Water Heat	Water Heater - 2015 Standard	2015 Standard Water Heater	Standard Water Heater	Per Building SqFt	New	0.01	13	$ 0.00	100%	-
Large Retail	Water Heat	Water Heater - Below Standard	Below Standard Water Heater	Below Standard Water Heater	Per Building SqFt	Existing	-	6	$ -	100%	-
Large Retail	Water Heat	Water Heater - Below Standard	Below Standard Water Heater	Below Standard Water Heater	Per Building SqFt	New	-	13	$ -	100%	-
Large Retail	Water Heat	Water Heater - Condensing 0.80 EF	Water Heater - Condensing 0.80 EF	Standard Water Heater	Per Building SqFt	Existing	0.04	13	$ 0.05	100%	-
Large Retail	Water Heat	Water Heater - Condensing 0.80 EF	Water Heater - Condensing 0.80 EF	Standard Water Heater	Per Building SqFt	New	0.04	13	$ 0.05	100%	-
Large Retail	Water Heat	Water Heater - Pipe Insulation	Hot Water Pipe Insulation (R-4)	No Pipe Insulation	Per Linear Foot	Existing	9.92	13	$ 2.10	52%	-
Large Retail	Water Heat	Water Heater - Standard	Standard Water Heater	Standard Water Heater	Per Building SqFt	Existing	-	13	$ -	100%	-
Large Retail	Water Heat	Water Heater - Standard	Standard Water Heater	Standard Water Heater	Per Building SqFt	New	-	13	$ -	100%	-
Large Retail	Water Heat	Water Heater - Tank Blanket/Insulation	Install Insulation (R-11)	No Tank Insulation	Per Water Heater	Existing	158.79	7	$ 62.60	5%	-
Large Retail	Water Heat	Water Heater - Tankless 0.82 EF	Water Heater - Tankless 0.82 EF	Standard Water Heater	Per Building SqFt	Existing	0.05	13	$ 0.02	100%	807
Large Retail	Water Heat	Water Heater - Tankless 0.82 EF	Water Heater - Tankless 0.82 EF	Standard Water Heater	Per Building SqFt	New	0.05	13	$ 0.02	100%	42
Large Retail	Water Heat	Water Heater - Thermostat Setback	Install Programmable Thermostat (120 Degrees)	No Thermostat Setback (130 Degrees)	Per Water Heater	Existing	540.09	4	$ 102.34	50%	127
Lodging	Cooking	Broiler	Cooking Broiler 34% Efficient	15% Efficient	Per Broiler	Existing	657.00	10	$ 200.00	27%	1
Lodging	Cooking	Broiler	Cooking Broiler 34% Efficient	15% Efficient	Per Broiler	New	657.00	10	$ 200.00	27%	0
Lodging	Cooking	Convection Oven	ENERGY STAR Convection Oven	Standard Oven	Per Convection Oven	Existing	305.87	12	$ 400.00	49%	0
Lodging	Cooking	Convection Oven	ENERGY STAR Convection Oven	Standard Oven	Per Convection Oven	New	305.87	12	$ 400.00	49%	0
Lodging	Cooking	Conveyor Oven	High-Efficiency Model (23% Efficient)	15% Efficient	Per Conveyor Oven	Existing	2,460.99	10	$ 2,696.25	4%	1
Lodging	Cooking	Conveyor Oven	High-Efficiency Model (23% Efficient)	15% Efficient	Per Conveyor Oven	New	2,535.73	10	$ 2,696.25	4%	0
Lodging	Cooking	Cooking - Standard Equipment	Standard Cooking Equipment	Standard Cooking Equipment	Per Building SqFt	Existing	-	12	$ -	100%	-
Lodging	Cooking	Cooking - Standard Equipment	Standard Cooking Equipment	Standard Cooking Equipment	Per Building SqFt	New	-	12	$ -	100%	-
Lodging	Cooking	Fryer	ENERGY STAR Fryer	Standard	Per Fryer	Existing	504.81	12	$ 1,057.50	32%	1
Lodging	Cooking	Fryer	ENERGY STAR Fryer	Standard	Per Fryer	New	504.81	12	$ 1,057.50	32%	0
Lodging	Cooking	Griddle	High-Efficiency Griddle (40% Efficient)	Standard Griddle (32% Efficient)	Per Griddle	Existing	148.54	12	$ 1,165.00	34%	-
Lodging	Cooking	Griddle	High-Efficiency Griddle (40% Efficient)	Standard Griddle (32% Efficient)	Per Griddle	New	148.54	12	$ 1,165.00	34%	-
Lodging	Cooking	Steam Cooker	ENERGY STAR Steam Cooker	Standard	Per Steam Cooker	Existing	1,066.40	12	$ 2,075.00	11%	1
Lodging	Cooking	Steam Cooker	ENERGY STAR Steam Cooker	Standard	Per Steam Cooker	New	1,066.40	12	$ 2,075.00	11%	0
Lodging	Dryer	Dryer - High Efficiency	High Efficiency Dryer	Standard Dryer	Per Building SqFt	Existing	-	12	$ 0.83	10%	-
Lodging	Dryer	Dryer - High Efficiency	High Efficiency Dryer	Standard Dryer	Per Building SqFt	New	-	12	$ 0.83	10%	-
Lodging	Dryer	Dryer - Standard	Standard Dryer	Standard Dryer	Per Building SqFt	Existing	-	12	$ 0.83	100%	-
Lodging	Dryer	Dryer - Standard	Standard Dryer	Standard Dryer	Per Building SqFt	New	-	12	$ 0.83	100%	-
Lodging	Other	Other - Standard	Standard Other Equipment	Standard Other Equipment	Per Building SqFt	Existing	-	10	$ -	100%	-
Lodging	Other	Other - Standard	Standard Other Equipment	Standard Other Equipment	Per Building SqFt	New	-	10	$ -	100%	-
Lodging	Pool Heat	Pool Heater - Standard Equipment	Standard Pool Heater Equipment	Standard Pool Heater Equipment	Per Building SqFt	Existing	-	5	$ -	100%	-
Lodging	Pool Heat	Pool Heater - Standard Equipment	Standard Pool Heater Equipment	Standard Pool Heater Equipment	Per Building SqFt	New	0.00	5	$ -	100%	-
Lodging	Pool Heat	Spa Covers	R-14	No cover	Per Spa Area	Existing	13.90	6	$ 14.56	33%	0
Lodging	Pool Heat	Spa Covers	R-14	No cover	Per Spa Area	New	13.89	6	$ 14.56	33%	0
Lodging	Pool Heat	Swimming Pool Covers	Transparent	No Cover	Per Pool Area	Existing	5.21	5	$ 1.11	33%	21
Lodging	Pool Heat	Swimming Pool Covers	Transparent	No Cover	Per Pool Area	New	5.21	5	$ 1.11	33%	1
Lodging	Space Heat	Boiler - 2013 Federal Standard	2013 Standard Boiler	Standard Boiler	Per Building SqFt	Existing	0.01	20	$ 0.06	100%	-
Lodging	Space Heat	Boiler - 2013 Federal Standard	2013 Standard Boiler	Standard Boiler	Per Building SqFt	New	0.01	20	$ 0.06	100%	-
Lodging	Space Heat	Boiler - 85% AFUE	Boiler - 85% AFUE	Standard Boiler	Per Building SqFt	Existing	0.03	20	$ 0.14	100%	-
Lodging	Space Heat	Boiler - 85% AFUE	Boiler - 85% AFUE	Standard Boiler	Per Building SqFt	New	0.03	20	$ 0.14	100%	-
Lodging	Space Heat	Boiler - 90% AFUE	Boiler - 90% AFUE	Standard Boiler	Per Building SqFt	Existing	0.05	20	$ 0.28	100%	-
Lodging	Space Heat	Boiler - 90% AFUE	Boiler - 90% AFUE	Standard Boiler	Per Building SqFt	New	0.05	20	$ 0.28	100%	-
Lodging	Space Heat	Boiler - 94% AFUE	Boiler - 94% AFUE	Standard Boiler	Per Building SqFt	Existing	0.07	20	$ 0.39	100%	-
Lodging	Space Heat	Boiler - 94% AFUE	Boiler - 94% AFUE	Standard Boiler	Per Building SqFt	New	0.07	20	$ 0.39	100%	-
Lodging	Space Heat	Boiler - 96% AFUE	Boiler - 96% AFUE	Standard Boiler	Per Building SqFt	Existing	0.08	20	$ 0.44	100%	91
Lodging	Space Heat	Boiler - 96% AFUE	Boiler - 96% AFUE	Standard Boiler	Per Building SqFt	New	0.08	20	$ 0.44	100%	6

Lodging	Space Heat	Boiler - Below Standard	Below Standard Boiler	Below Standard Boiler	Per Building SqFt	Existing	-	10	$ -	100%	-
Lodging	Space Heat	Boiler - Below Standard	Below Standard Boiler	Below Standard Boiler	Per Building SqFt	New	-	20	$ -	100%	-
Lodging	Space Heat	Boiler - Economizer	Economizer	No Economizer	Per Boiler HP	Existing	89.62	20	$ 96.86	75%	-
Lodging	Space Heat	Boiler - Federal Standard	Standard Boiler	Standard Boiler	Per Building SqFt	Existing	-	20	$ -	100%	-
Lodging	Space Heat	Boiler - Federal Standard	Standard Boiler	Standard Boiler	Per Building SqFt	New	-	20	$ -	100%	-
Lodging	Space Heat	Boiler - Pipe Insulation	Above Code (3" of Insulation)	Code (2" of Insulation)	Per Linear Foot of Boiler Pipe	Existing	0.15	20	$ 4.44	49%	-
Lodging	Space Heat	Boiler - Pipe Insulation	Above Code (3" of Insulation)	Code (2" of Insulation)	Per Linear Foot of Boiler Pipe	New	0.15	20	$ 4.44	49%	-
Lodging	Space Heat	Boiler - Pipe Insulation	Code (2" of Insulation)	Existing Insulation (1" of Insulation)	Per Linear Foot of Boiler Pipe	Existing	0.60	20	$ 15.16	15%	-
Lodging	Space Heat	Boiler - Turbulators	Boiler Turbulator	No Turbulator	Per Tube	Existing	6.55	20	$ 15.00	55%	-
Lodging	Space Heat	Boiler Reset Controls	Boiler Reset Controls	No Boiler Reset Controls	Per Control	Existing	1,946.91	10	$ 2,060.00	64%	-
Lodging	Space Heat	Boiler Reset Controls	Boiler Reset Controls	No Boiler Reset Controls	Per Control	New	1,854.26	10	$ 2,060.00	77%	3
Lodging	Space Heat	Commissioning	Commissioning/QI - New Installation	No Commissioning	Per SqFt	New	0.06	7	$ 1.16	90%	-
Lodging	Space Heat	Commissioning	Commissioning/QI - New Installation	No Commissioning	Per SqFt	New	0.06	7	$ 1.16	90%	-
Lodging	Space Heat	Demand Controlled Ventilation	Demand Controlled Ventilation - DCV	Constant Ventilation	Per Sensor	Existing	71.35	15	$ 450.00	16%	62
Lodging	Space Heat	Demand Controlled Ventilation	Demand Controlled Ventilation - DCV	Constant Ventilation	Per Sensor	Existing	72.76	15	$ 450.00	16%	32
Lodging	Space Heat	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	Existing	1,277.66	5	$14,651.71	75%	-
Lodging	Space Heat	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	New	1,216.85	5	$14,651.71	75%	-
Lodging	Space Heat	Direct Digital Control System-	DDC Retrofit - EMS Upgrade	Pneumatic	Per Building	Existing	1,277.66	5	$26,479.07	85%	-
Lodging	Space Heat	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	Existing	20.85	20	$ 477.04	75%	-
Lodging	Space Heat	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	New	20.85	20	$ 477.04	75%	-
Lodging	Space Heat	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	Existing	9.27	20	$ 60.58	61%	2
Lodging	Space Heat	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	New	9.27	20	$ 60.58	61%	0
Lodging	Space Heat	Duct Repair And Sealing	Reduction In Duct Losses to 5%	No Repair or Sealing, 15% duct losses	Per Building SqFt	Existing	0.01	18	$ 0.24	38%	-
Lodging	Space Heat	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	Existing	876.11	10	$ 5,450.00	64%	-
Lodging	Space Heat	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	Existing	893.50	10	$ 5,450.00	64%	-
Lodging	Space Heat	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	New	834.41	10	$ 5,450.00	64%	-
Lodging	Space Heat	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	New	890.63	10	$ 5,450.00	64%	-
Lodging	Space Heat	Furnace - 2013 Standard	2013 Standard Furnace	Standard Furnace	Per Building SqFt	Existing	0.02	20	$ 0.07	100%	-
Lodging	Space Heat	Furnace - 2013 Standard	2013 Standard Furnace	Standard Furnace	Per Building SqFt	New	0.02	20	$ 0.07	100%	-
Lodging	Space Heat	Furnace - 92% AFUE	Furnace - 92% AFUE	Standard Furnace	Per Building SqFt	Existing	0.04	20	$ 0.11	100%	-
Lodging	Space Heat	Furnace - 92% AFUE	Furnace - 92% AFUE	Standard Furnace	Per Building SqFt	New	0.04	20	$ 0.11	100%	-
Lodging	Space Heat	Furnace - 94% AFUE	Furnace - 94% AFUE	Standard Furnace	Per Building SqFt	Existing	0.06	20	$ 0.15	100%	-
Lodging	Space Heat	Furnace - 94% AFUE	Furnace - 94% AFUE	Standard Furnace	Per Building SqFt	New	0.06	20	$ 0.15	100%	-
Lodging	Space Heat	Furnace - 96% AFUE	Furnace - 96% AFUE	Standard Furnace	Per Building SqFt	Existing	0.07	20	$ 0.20	100%	35
Lodging	Space Heat	Furnace - 96% AFUE	Furnace - 96% AFUE	Standard Furnace	Per Building SqFt	New	0.07	20	$ 0.20	100%	3
Lodging	Space Heat	Furnace - Below Standard	Below Standard Furnace	Below Standard Furnace	Per Building SqFt	Existing	-	10	$ -	100%	-
Lodging	Space Heat	Furnace - Below Standard	Below Standard Furnace	Below Standard Furnace	Per Building SqFt	New	-	20	$ -	100%	-
Lodging	Space Heat	Furnace - Standard	Standard Furnace	Standard Furnace	Per Building SqFt	Existing	-	20	$ -	100%	-
Lodging	Space Heat	Furnace - Standard	Standard Furnace	Standard Furnace	Per Building SqFt	New	-	20	$ -	100%	-
Lodging	Space Heat	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	Existing	0.05	30	$ 10.13	74%	-
Lodging	Space Heat	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	Existing	0.05	30	$ 10.13	74%	-
Lodging	Space Heat	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	New	0.05	30	$ 10.13	74%	-
Lodging	Space Heat	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	New	0.05	30	$ 10.13	74%	-
Lodging	Space Heat	Infiltration Control	Weather-Stripping	Standard Practice	Per Window SqFt	Existing	0.32	13	$ 0.39	9%	-
Lodging	Space Heat	Infiltration Control	Weather-Stripping	Standard Practice	Per Window SqFt	Existing	0.33	13	$ 0.39	9%	-
Lodging	Space Heat	Infrared Heater	Infrared Heater - Gas Radiant Heating	Standard Unit Heater	Per 1000 kBTU Unit Heater	Existing	3,504.00	13	$ 502.42	3%	1
Lodging	Space Heat	Infrared Heater	Infrared Heater - Gas Radiant Heating	Standard Unit Heater	Per 1000 kBTU Unit Heater	New	3,504.00	13	$ 502.42	3%	0
Lodging	Space Heat	Insulation - Duct	New Duct Insulation (R-8) (Unconditioned	No Insulation	Per Surface Area of Duct	Existing	0.26	20	$ 2.61	15%	-
Lodging	Space Heat	Insulation - Floor	R-30	Average Existing Insulation (R-10)	Per Floor Area SqFt	Existing	0.02	25	$ 1.82	29%	-
Lodging	Space Heat	Insulation - Roof	R-20ci	Average Existing Insulation (R-10)	Per Roof Area SqFt	Existing	0.01	25	$ 1.77	12%	-
Lodging	Space Heat	Insulation - Wall	R-13+R-7.5ci	Average Existing Insulation (R-10)	Per Wall Area SqFt	Existing	0.04	25	$ 1.84	32%	-
Lodging	Space Heat	Integrated Space Heating and Water	Integrated System	Separate Boiler and Water Heater	Per 200 kBtuh Boiler	Existing	368.11	15	$ 130.13	0%	-
Lodging	Space Heat	Integrated Space Heating and Water	Integrated System	Separate Boiler and Water Heater	Per 200 kBtuh Boiler	New	350.59	15	$ 124.12	0%	-
Lodging	Space Heat	Other Space Heat - Standard	Standard Equipment Other Space Heat	Standard Equipment Other Space Heat	Per Building SqFt	Existing	-	15	$ -	100%	-
Lodging	Space Heat	Other Space Heat - Standard	Standard Equipment Other Space Heat	Standard Equipment Other Space Heat	Per Building SqFt	New	-	15	$ -	100%	-
Lodging	Space Heat	Retro-Commissioning	Retro-Commissioning	No Retro-Commissioning	Per SqFt	Existing	0.08	7	$ 0.30	90%	216
Lodging	Space Heat	Retro-Commissioning	Retro-Commissioning	No Retro-Commissioning	Per SqFt	Existing	0.08	7	$ 0.30	90%	112
Lodging	Space Heat	Thermostat Programmable	Setback Thermostat 5-1-1, 5-2 or 7-day	Manual Thermostat	Per Thermostat	Existing	97.35	15	$ 138.50	0%	-
Lodging	Space Heat	Thermostat Programmable	Setback Thermostat 5-1-1, 5-2 or 7-day	Manual Thermostat	Per Thermostat	Existing	99.28	15	$ 138.50	0%	-
Lodging	Space Heat	Tune-up - Boiler Maintenance	Boiler Maintenance (Tune-up)	Unmaintained Boiler	Per kBTU	Existing	1.02	3	$ 0.75	48%	2
Lodging	Space Heat	Tune-up - Furnace Maintenance	Furnace Maintenance (Tune-up)	Unmaintained Furnace	Per kBTU	Existing	1.04	3	$ 0.75	48%	1
Lodging	Space Heat	Vent Damper	Automatic Air Flue Damper	No Damper	Per 200 kBtuh Boiler	Existing	163.61	12	$ 318.44	21%	-
Lodging	Space Heat	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	Existing	0.09	25	$ 3.67	53%	-

Lodging	Space Heat	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	New	0.09	25	$ 3.67	59%	-
Lodging	Space Heat	Window - Metal Framing	U-Value = 0.55 (Code Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	0.09	25	$ 27.83	10%	-
Lodging	Space Heat	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	Existing	0.06	25	$ 2.08	12%	-
Lodging	Space Heat	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	New	0.06	25	$ 2.08	14%	-
Lodging	Space Heat	Window - Non-Metal Framing	U-Value = 0.35 (Code Non-Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	0.27	25	$ 42.42	12%	-
Lodging	Water Heat	Clothes Washer	Commercial Ozonating Clothes Washer	Standard Commercial Clothes Washer	Per Clothes Washer	Existing	315.41	10	$ 5,944.20	33%	-
Lodging	Water Heat	Clothes Washer	Commercial Ozonating Clothes Washer	Standard Commercial Clothes Washer	Per Clothes Washer	New	314.73	10	$ 5,944.20	33%	-
Lodging	Water Heat	Clothes Washer	Residential Grade, Clothes Washer Enhanced	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	86.43	11	$ 789.72	56%	-
Lodging	Water Heat	Clothes Washer	Residential Grade, Clothes Washer Enhanced	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	86.43	11	$ 789.72	56%	-
Lodging	Water Heat	Clothes Washer	Residential Grade, Clothes Washer CEE Tier 2	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	62.21	11	$ 391.57	53%	12
Lodging	Water Heat	Clothes Washer	Residential Grade, Clothes Washer CEE Tier 2	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	62.21	11	$ 391.57	53%	0
Lodging	Water Heat	Clothes Washer	Residential Grade, Clothes Washer CEE Tier 3	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	69.16	11	$ 565.12	50%	18
Lodging	Water Heat	Clothes Washer	Residential Grade, Clothes Washer CEE Tier 3	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	69.16	11	$ 565.12	50%	0
Lodging	Water Heat	Clothes Washer	Residential Grade, Clothes Washer ENERGY	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	53.88	11	$ 134.79	47%	-
Lodging	Water Heat	Clothes Washer	Residential Grade, Clothes Washer ENERGY	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	53.88	11	$ 134.79	47%	-
Lodging	Water Heat	Dishwasher	Dishwasher Enhanced Efficiency (EF 1.00) 200	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	Existing	4.26	11	$ 1,067.33	62%	-
Lodging	Water Heat	Dishwasher	Dishwasher Enhanced Efficiency (EF 1.00) 200	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	New	4.26	11	$ 1,067.33	62%	-
Lodging	Water Heat	Dishwasher	ENERGY STAR 295 kWh/yr and 4.25	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	Existing	1.89	11	$ 272.18	52%	-
Lodging	Water Heat	Dishwasher	ENERGY STAR 295 kWh/yr and 4.25	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	New	1.89	11	$ 272.18	52%	-
Lodging	Water Heat	Dishwasher	High Temp Commercial High Efficiency	Standard High Temp Commercial Dishwasher	Per Dishwasher	Existing	299.11	14	$ 442.50	20%	5
Lodging	Water Heat	Dishwasher	High Temp Commercial High Efficiency	Standard High Temp Commercial Dishwasher	Per Dishwasher	New	299.11	14	$ 442.50	20%	0
Lodging	Water Heat	Dishwasher	Low-Temp Commercial Dishwasher (Includes	Standard High Temp Commercial Dishwasher	Per Dishwasher	Existing	204.28	14	$ 307.50	24%	4
Lodging	Water Heat	Dishwasher	Low-Temp Commercial Dishwasher (Includes	Standard High Temp Commercial Dishwasher	Per Dishwasher	New	204.28	14	$ 307.50	24%	0
Lodging	Water Heat	Drainwater Heat Recovery	Install Power-Pipe or GFX System	No GFX or Power-Pipe System	Per 40 Gal Water Heater	Existing	372.38	40	$ 833.35	60%	154
Lodging	Water Heat	Drainwater Heat Recovery	Install Power-Pipe or GFX System	No GFX or Power-Pipe System	Per 40 Gal Water Heater	New	371.58	40	$ 666.68	83%	6
Lodging	Water Heat	Faucet Aerator	0.5 GPM	Existing Aerator (3.0 GPM)	Per Aerator	Existing	8.15	10	$ 4.76	63%	-
Lodging	Water Heat	Integrated Space Heating and Water	Integrated System	Separate Boiler and Water Heater	Per 200 kBtuh Boiler	Existing	11,190.86	15	$ 3,955.87	0%	-
Lodging	Water Heat	Integrated Space Heating and Water	Integrated System	Separate Boiler and Water Heater	Per 200 kBtuh Boiler	New	11,190.86	15	$ 3,961.88	0%	-
Lodging	Water Heat	Low-Flow Showerheads	2.0 GPM	2.5 GPM Showerhead (Federal Code)	Per Showerhead	Existing	14.66	10	$ 8.29	84%	-
Lodging	Water Heat	Low-Flow Showerheads	2.0 GPM	2.5 GPM Showerhead (Federal Code)	Per Showerhead	New	14.63	10	$ 8.29	84%	0
Lodging	Water Heat	Low-Flow Showerheads	2.5 GPM Showerhead (Federal Code)	Existing Showerhead (4.5 GPM)	Per Showerhead	Existing	32.58	10	$ 31.27	34%	94
Lodging	Water Heat	Low-Flow Spray Heads	1.0 GPM	1.6 GPM (Code)	Per Spray Head	Existing	18.39	5	$ 39.09	38%	-
Lodging	Water Heat	Low-Flow Spray Heads	1.0 GPM	1.6 GPM (Code)	Per Spray Head	New	18.39	5	$ 39.09	38%	-
Lodging	Water Heat	Low-Flow Spray Heads	1.6 GPM (Code)	Existing Spray Head (2.5 GPM)	Per Spray Head	Existing	27.58	5	$ 30.00	25%	-
Lodging	Water Heat	Ultrasonic Faucet Control	Install Ultrasonic Faucet Control	No Faucet Control	Per Faucet	Existing	3.26	10	$ 196.25	81%	-
Lodging	Water Heat	Ultrasonic Faucet Control	Install Ultrasonic Faucet Control	No Faucet Control	Per Faucet	New	3.25	10	$ 196.25	81%	-
Lodging	Water Heat	Water Heater - 0.67 EF	Water Heater - 0.67 EF	Standard Water Heater	Per Building SqFt	Existing	0.05	13	$ 0.01	100%	-
Lodging	Water Heat	Water Heater - 0.67 EF	Water Heater - 0.67 EF	Standard Water Heater	Per Building SqFt	New	0.05	13	$ 0.01	100%	-
Lodging	Water Heat	Water Heater - 2015 Standard	2015 Standard Water Heater	Standard Water Heater	Per Building SqFt	Existing	0.02	13	$ 0.00	100%	-
Lodging	Water Heat	Water Heater - 2015 Standard	2015 Standard Water Heater	Standard Water Heater	Per Building SqFt	New	0.02	13	$ 0.00	100%	-
Lodging	Water Heat	Water Heater - Below Standard	Below Standard Water Heater	Below Standard Water Heater	Per Building SqFt	Existing	-	6	$ -	100%	-
Lodging	Water Heat	Water Heater - Below Standard	Below Standard Water Heater	Below Standard Water Heater	Per Building SqFt	New	-	13	$ -	100%	-
Lodging	Water Heat	Water Heater - Condensing 0.80 EF	Water Heater - Condensing 0.80 EF	Standard Water Heater	Per Building SqFt	Existing	0.09	13	$ 0.09	100%	-
Lodging	Water Heat	Water Heater - Condensing 0.80 EF	Water Heater - Condensing 0.80 EF	Standard Water Heater	Per Building SqFt	New	0.09	13	$ 0.09	100%	-
Lodging	Water Heat	Water Heater - Pipe Insulation	Hot Water Pipe Insulation (R-4)	No Pipe Insulation	Per Linear Foot	Existing	6.27	13	$ 2.10	52%	-
Lodging	Water Heat	Water Heater - Standard	Standard Water Heater	Standard Water Heater	Per Building SqFt	Existing	-	13	$ -	100%	-
Lodging	Water Heat	Water Heater - Standard	Standard Water Heater	Standard Water Heater	Per Building SqFt	New	-	13	$ -	100%	-
Lodging	Water Heat	Water Heater - Tank Blanket/Insulation	Install Insulation (R-11)	No Tank Insulation	Per Water Heater	Existing	74.48	7	$ 62.60	5%	-
Lodging	Water Heat	Water Heater - Tankless 0.82 EF	Water Heater - Tankless 0.82 EF	Standard Water Heater	Per Building SqFt	Existing	0.10	13	$ 0.04	100%	177
Lodging	Water Heat	Water Heater - Tankless 0.82 EF	Water Heater - Tankless 0.82 EF	Standard Water Heater	Per Building SqFt	New	0.10	13	$ 0.04	100%	9
Lodging	Water Heat	Water Heater - Thermostat Setback	Install Programmable Thermostat (120 Degrees)	No Thermostat Setback (130 Degrees)	Per Water Heater	Existing	253.32	4	$ 102.34	35%	(35)
Other	Cooking	Broiler	Cooking Broiler 34% Efficient	15% Efficient	Per Broiler	Existing	657.00	10	$ 200.00	14%	-
Other	Cooking	Broiler	Cooking Broiler 34% Efficient	15% Efficient	Per Broiler	New	657.00	10	$ 200.00	14%	-
Other	Cooking	Convection Oven	ENERGY STAR Convection Oven	Standard Oven	Per Convection Oven	Existing	152.94	12	$ 400.00	75%	2
Other	Cooking	Convection Oven	ENERGY STAR Convection Oven	Standard Oven	Per Convection Oven	New	152.94	12	$ 400.00	75%	0
Other	Cooking	Conveyor Oven	High-Efficiency Model (23% Efficient)	15% Efficient	Per Conveyor Oven	Existing	202.02	10	$ 2,696.25	4%	-
Other	Cooking	Conveyor Oven	High-Efficiency Model (23% Efficient)	15% Efficient	Per Conveyor Oven	New	208.17	10	$ 2,696.25	4%	-
Other	Cooking	Cooking - Standard Equipment	Standard Cooking Equipment	Standard Cooking Equipment	Per Building SqFt	Existing	-	12	$ -	100%	-
Other	Cooking	Cooking - Standard Equipment	Standard Cooking Equipment	Standard Cooking Equipment	Per Building SqFt	New	-	12	$ -	100%	-
Other	Cooking	Fryer	ENERGY STAR Fryer	Standard	Per Fryer	Existing	252.41	12	$ 1,057.50	18%	1
Other	Cooking	Fryer	ENERGY STAR Fryer	Standard	Per Fryer	New	252.41	12	$ 1,057.50	18%	0
Other	Cooking	Griddle	High-Efficiency Griddle (40% Efficient)	Standard Griddle (32% Efficient)	Per Griddle	Existing	74.27	12	$ 1,165.00	15%	-
Other	Cooking	Griddle	High-Efficiency Griddle (40% Efficient)	Standard Griddle (32% Efficient)	Per Griddle	New	74.27	12	$ 1,165.00	15%	-

Other	Cooking	Steam Cooker	ENERGY STAR Steam Cooker	Standard	Per Steam Cooker	Existing	533.20	12	$ 2,075.00	11%	2
Other	Cooking	Steam Cooker	ENERGY STAR Steam Cooker	Standard	Per Steam Cooker	New	533.20	12	$ 2,075.00	11%	0
Other	Dryer	Dryer - High Efficiency	High Efficiency Dryer	Standard Dryer	Per Building SqFt	Existing	-	12	$ 0.31	10%	-
Other	Dryer	Dryer - High Efficiency	High Efficiency Dryer	Standard Dryer	Per Building SqFt	New	-	12	$ 0.31	10%	-
Other	Dryer	Dryer - Standard	Standard Dryer	Standard Dryer	Per Building SqFt	Existing	-	12	$ 0.31	100%	-
Other	Dryer	Dryer - Standard	Standard Dryer	Standard Dryer	Per Building SqFt	New	-	12	$ 0.31	100%	-
Other	Other	Other - Standard	Standard Other Equipment	Standard Other Equipment	Per Building SqFt	Existing	-	10	$ -	100%	-
Other	Other	Other - Standard	Standard Other Equipment	Standard Other Equipment	Per Building SqFt	New	-	10	$ -	100%	-
Other	Space Heat	Boiler - 2013 Federal Standard	2013 Standard Boiler	Standard Boiler	Per Building SqFt	Existing	0.01	20	$ 0.09	100%	-
Other	Space Heat	Boiler - 2013 Federal Standard	2013 Standard Boiler	Standard Boiler	Per Building SqFt	New	0.01	20	$ 0.09	100%	-
Other	Space Heat	Boiler - 85% AFUE	Boiler - 85% AFUE	Standard Boiler	Per Building SqFt	Existing	0.03	20	$ 0.24	100%	-
Other	Space Heat	Boiler - 85% AFUE	Boiler - 85% AFUE	Standard Boiler	Per Building SqFt	New	0.02	20	$ 0.24	100%	-
Other	Space Heat	Boiler - 90% AFUE	Boiler - 90% AFUE	Standard Boiler	Per Building SqFt	Existing	0.05	20	$ 0.47	100%	-
Other	Space Heat	Boiler - 90% AFUE	Boiler - 90% AFUE	Standard Boiler	Per Building SqFt	New	0.04	20	$ 0.47	100%	-
Other	Space Heat	Boiler - 94% AFUE	Boiler - 94% AFUE	Standard Boiler	Per Building SqFt	Existing	0.06	20	$ 0.66	100%	-
Other	Space Heat	Boiler - 94% AFUE	Boiler - 94% AFUE	Standard Boiler	Per Building SqFt	New	0.06	20	$ 0.66	100%	-
Other	Space Heat	Boiler - 96% AFUE	Boiler - 96% AFUE	Standard Boiler	Per Building SqFt	Existing	0.07	20	$ 0.76	100%	-
Other	Space Heat	Boiler - 96% AFUE	Boiler - 96% AFUE	Standard Boiler	Per Building SqFt	New	0.07	20	$ 0.76	100%	-
Other	Space Heat	Boiler - Below Standard	Below Standard Boiler	Below Standard Boiler	Per Building SqFt	Existing	-	10	$ -	100%	-
Other	Space Heat	Boiler - Below Standard	Below Standard Boiler	Below Standard Boiler	Per Building SqFt	New	-	20	$ -	100%	-
Other	Space Heat	Boiler - Economizer	Economizer	No Economizer	Per Boiler HP	Existing	7.51	20	$ 86.84	41%	-
Other	Space Heat	Boiler - Federal Standard	Standard Boiler	Standard Boiler	Per Building SqFt	Existing	-	20	$ -	100%	-
Other	Space Heat	Boiler - Federal Standard	Standard Boiler	Standard Boiler	Per Building SqFt	New	-	20	$ -	100%	-
Other	Space Heat	Boiler - Pipe Insulation	Above Code (3" of Insulation)	Code (2" of Insulation)	Per Linear Foot of Boiler Pipe	Existing	0.08	20	$ 4.44	49%	-
Other	Space Heat	Boiler - Pipe Insulation	Above Code (3" of Insulation)	Code (2" of Insulation)	Per Linear Foot of Boiler Pipe	New	0.07	20	$ 4.44	49%	-
Other	Space Heat	Boiler - Pipe Insulation	Code (2" of Insulation)	Existing Insulation (1" of Insulation)	Per Linear Foot of Boiler Pipe	Existing	0.32	20	$ 15.16	15%	-
Other	Space Heat	Boiler - Turbulators	Boiler Turbulator	No Turbulator	Per Tube	Existing	1.47	20	$ 15.00	55%	-
Other	Space Heat	Boiler Reset Controls	Boiler Reset Controls	No Boiler Reset Controls	Per Control	Existing	435.45	10	$ 2,060.00	64%	-
Other	Space Heat	Boiler Reset Controls	Boiler Reset Controls	No Boiler Reset Controls	Per Control	New	401.55	10	$ 2,060.00	77%	-
Other	Space Heat	Commissioning	Commissioning/QI - New Installation	No Commissioning	Per SqFt	New	0.05	7	$ 1.16	90%	-
Other	Space Heat	Commissioning	Commissioning/QI - New Installation	No Commissioning	Per SqFt	New	0.05	7	$ 1.16	90%	-
Other	Space Heat	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	Existing	285.76	5	$ 4,375.00	20%	-
Other	Space Heat	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	New	263.52	5	$ 4,375.00	20%	-
Other	Space Heat	Direct Digital Control System-	DDC Retrofit - EMS Upgrade	Pneumatic	Per Building	Existing	285.76	5	$ 7,393.75	85%	-
Other	Space Heat	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	Existing	20.85	20	$ 477.04	75%	-
Other	Space Heat	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	New	20.85	20	$ 477.04	75%	-
Other	Space Heat	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	Existing	9.27	20	$ 60.58	61%	74
Other	Space Heat	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	New	9.27	20	$ 60.58	61%	2
Other	Space Heat	Duct Repair And Sealing	Reduction In Duct Losses to 5%	No Repair or Sealing, 15% duct losses	Per Building SqFt	Existing	0.01	18	$ 0.24	38%	55
Other	Space Heat	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	Existing	195.95	10	$ 5,450.00	64%	-
Other	Space Heat	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	Existing	206.92	10	$ 5,450.00	64%	-
Other	Space Heat	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	New	179.43	10	$ 5,450.00	64%	-
Other	Space Heat	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	New	180.70	10	$ 5,450.00	64%	-
Other	Space Heat	Furnace - 2013 Standard	2013 Standard Furnace	Standard Furnace	Per Building SqFt	Existing	0.06	20	$ 0.12	100%	-
Other	Space Heat	Furnace - 2013 Standard	2013 Standard Furnace	Standard Furnace	Per Building SqFt	New	0.05	20	$ 0.12	100%	-
Other	Space Heat	Furnace - 92% AFUE	Furnace - 92% AFUE	Standard Furnace	Per Building SqFt	Existing	0.07	20	$ 0.19	100%	-
Other	Space Heat	Furnace - 92% AFUE	Furnace - 92% AFUE	Standard Furnace	Per Building SqFt	New	0.06	20	$ 0.19	100%	-
Other	Space Heat	Furnace - 94% AFUE	Furnace - 94% AFUE	Standard Furnace	Per Building SqFt	Existing	0.08	20	$ 0.26	100%	-
Other	Space Heat	Furnace - 94% AFUE	Furnace - 94% AFUE	Standard Furnace	Per Building SqFt	New	0.07	20	$ 0.26	100%	-
Other	Space Heat	Furnace - 96% AFUE	Furnace - 96% AFUE	Standard Furnace	Per Building SqFt	Existing	0.09	20	$ 0.34	100%	594
Other	Space Heat	Furnace - 96% AFUE	Furnace - 96% AFUE	Standard Furnace	Per Building SqFt	New	0.08	20	$ 0.34	100%	40
Other	Space Heat	Furnace - Below Standard	Below Standard Furnace	Below Standard Furnace	Per Building SqFt	Existing	-	10	$ -	100%	-
Other	Space Heat	Furnace - Below Standard	Below Standard Furnace	Below Standard Furnace	Per Building SqFt	New	-	20	$ -	100%	-
Other	Space Heat	Furnace - Standard	Standard Furnace	Standard Furnace	Per Building SqFt	Existing	-	20	$ -	100%	-
Other	Space Heat	Furnace - Standard	Standard Furnace	Standard Furnace	Per Building SqFt	New	-	20	$ -	100%	-
Other	Space Heat	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	Existing	0.04	30	$ 10.13	74%	-
Other	Space Heat	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	Existing	0.05	30	$ 10.13	74%	-
Other	Space Heat	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	New	0.04	30	$ 10.13	74%	-
Other	Space Heat	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	New	0.04	30	$ 10.13	74%	-
Other	Space Heat	Infiltration Control	Weather-Stripping	Standard Practice	Per Window SqFt	Existing	0.32	13	$ 0.39	9%	-
Other	Space Heat	Infiltration Control	Weather-Stripping	Standard Practice	Per Window SqFt	Existing	0.33	13	$ 0.39	9%	160
Other	Space Heat	Infrared Heater	Infrared Heater - Gas Radiant Heating	Standard Unit Heater	Per 1000 kBTU Unit Heater	Existing	1,542.18	13	$ 502.42	3%	29
Other	Space Heat	Infrared Heater	Infrared Heater - Gas Radiant Heating	Standard Unit Heater	Per 1000 kBTU Unit Heater	New	1,542.18	13	$ 502.42	3%	1

Other	Space Heat	Insulation - Duct	New Duct Insulation (R-8) (Unconditioned	No Insulation	Per Surface Area of Duct	Existing	0.25	20	$ 2.61	15%	160
Other	Space Heat	Insulation - Floor	R-30	Average Existing Insulation (R-10)	Per Floor Area SqFt	Existing	0.02	25	$ 1.82	29%	-
Other	Space Heat	Insulation - Roof	R-20ci	Average Existing Insulation (R-10)	Per Roof Area SqFt	Existing	0.01	25	$ 1.77	12%	-
Other	Space Heat	Insulation - Wall	R-13+R-7.5ci	Average Existing Insulation (R-10)	Per Wall Area SqFt	Existing	0.04	25	$ 1.84	32%	-
Other	Space Heat	Integrated Space Heating and Water	Integrated System	Separate Boiler and Water Heater	Per 200 kBtuh Boiler	Existing	195.95	15	$ 390.62	0%	-
Other	Space Heat	Integrated Space Heating and Water	Integrated System	Separate Boiler and Water Heater	Per 200 kBtuh Boiler	New	180.70	15	$ 362.91	0%	-
Other	Space Heat	Other Space Heat - Standard	Standard Equipment Other Space Heat	Standard Equipment Other Space Heat	Per Building SqFt	Existing	-	15	$ -	100%	-
Other	Space Heat	Other Space Heat - Standard	Standard Equipment Other Space Heat	Standard Equipment Other Space Heat	Per Building SqFt	New	-	15	$ -	100%	-
Other	Space Heat	Retro-Commissioning	Retro-Commissioning	No Retro-Commissioning	Per SqFt	Existing	0.07	7	$ 0.30	90%	-
Other	Space Heat	Retro-Commissioning	Retro-Commissioning	No Retro-Commissioning	Per SqFt	Existing	0.07	7	$ 0.30	90%	3,637
Other	Space Heat	Thermostat Programmable	Setback Thermostat 5-1-1, 5-2 or 7-day	Manual Thermostat	Per Thermostat	Existing	130.63	15	$ 138.50	76%	-
Other	Space Heat	Thermostat Programmable	Setback Thermostat 5-1-1, 5-2 or 7-day	Manual Thermostat	Per Thermostat	Existing	137.95	15	$ 138.50	76%	61
Other	Space Heat	Tune-up - Boiler Maintenance	Boiler Maintenance (Tune-up)	Unmaintained Boiler	Per kBTU	Existing	0.54	3	$ 0.75	48%	-
Other	Space Heat	Tune-up - Furnace Maintenance	Furnace Maintenance (Tune-up)	Unmaintained Furnace	Per kBTU	Existing	0.57	3	$ 0.75	48%	27
Other	Space Heat	Variable Air-Volume Systems	Install Variable Air-Volume System	Constant Volume System	Per Sqft	Existing	0.06	15	$ 3.04	65%	-
Other	Space Heat	Vent Damper	Automatic Air Flue Damper	No Damper	Per 200 kBtuh Boiler	Existing	87.09	12	$ 318.44	21%	-
Other	Space Heat	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	Existing	0.09	25	$ 3.67	31%	-
Other	Space Heat	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	New	0.09	25	$ 3.67	35%	-
Other	Space Heat	Window - Metal Framing	U-Value = 0.55 (Code Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	0.09	25	$ 27.83	6%	-
Other	Space Heat	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	Existing	0.06	25	$ 2.08	41%	-
Other	Space Heat	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	New	0.06	25	$ 2.08	46%	-
Other	Space Heat	Window - Non-Metal Framing	U-Value = 0.35 (Code Non-Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	0.27	25	$ 42.42	40%	-
Other	Water Heat	Clothes Washer	Commercial Ozonating Clothes Washer	Standard Commercial Clothes Washer	Per Clothes Washer	Existing	49.69	10	$ 5,944.20	2%	-
Other	Water Heat	Clothes Washer	Commercial Ozonating Clothes Washer	Standard Commercial Clothes Washer	Per Clothes Washer	New	49.58	10	$ 5,944.20	2%	-
Other	Water Heat	Clothes Washer	Residential Grade, Clothes Washer Enhanced	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	86.43	11	$ 789.72	14%	-
Other	Water Heat	Clothes Washer	Residential Grade, Clothes Washer Enhanced	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	86.43	11	$ 789.72	14%	-
Other	Water Heat	Clothes Washer	Residential Grade, Clothes Washer CEE Tier 2	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	62.21	11	$ 391.57	13%	456
Other	Water Heat	Clothes Washer	Residential Grade, Clothes Washer CEE Tier 2	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	62.21	11	$ 391.57	13%	11
Other	Water Heat	Clothes Washer	Residential Grade, Clothes Washer CEE Tier 3	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	69.16	11	$ 565.12	13%	451
Other	Water Heat	Clothes Washer	Residential Grade, Clothes Washer CEE Tier 3	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	69.16	11	$ 565.12	13%	11
Other	Water Heat	Clothes Washer	Residential Grade, Clothes Washer ENERGY	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	53.88	11	$ 134.79	12%	366
Other	Water Heat	Clothes Washer	Residential Grade, Clothes Washer ENERGY	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	53.88	11	$ 134.79	12%	9
Other	Water Heat	Dishwasher	Dishwasher Enhanced Efficiency (EF 1.00) 200	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	Existing	4.26	11	$ 1,067.33	10%	-
Other	Water Heat	Dishwasher	Dishwasher Enhanced Efficiency (EF 1.00) 200	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	New	4.26	11	$ 1,067.33	10%	-
Other	Water Heat	Dishwasher	ENERGY STAR 295 kWh/yr and 4.25	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	Existing	1.89	11	$ 272.18	8%	-
Other	Water Heat	Dishwasher	ENERGY STAR 295 kWh/yr and 4.25	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	New	1.89	11	$ 272.18	8%	-
Other	Water Heat	Dishwasher	High Temp Commercial High Efficiency	Standard High Temp Commercial Dishwasher	Per Dishwasher	Existing	192.88	14	$ 442.50	0%	3
Other	Water Heat	Dishwasher	High Temp Commercial High Efficiency	Standard High Temp Commercial Dishwasher	Per Dishwasher	New	192.88	14	$ 442.50	0%	0
Other	Water Heat	Dishwasher	Low-Temp Commercial Dishwasher (Includes	Standard High Temp Commercial Dishwasher	Per Dishwasher	Existing	131.73	14	$ 307.50	0%	2
Other	Water Heat	Dishwasher	Low-Temp Commercial Dishwasher (Includes	Standard High Temp Commercial Dishwasher	Per Dishwasher	New	131.73	14	$ 307.50	0%	0
Other	Water Heat	Drainwater Heat Recovery	Install Power-Pipe or GFX System	No GFX or Power-Pipe System	Per 40 Gal Water Heater	Existing	410.66	40	$ 833.35	60%	1,160
Other	Water Heat	Drainwater Heat Recovery	Install Power-Pipe or GFX System	No GFX or Power-Pipe System	Per 40 Gal Water Heater	New	409.77	40	$ 666.68	83%	41
Other	Water Heat	Faucet Aerator	0.5 GPM	Existing Aerator (3.0 GPM)	Per Aerator	Existing	12.83	10	$ 4.76	63%	-
Other	Water Heat	Integrated Space Heating and Water	Integrated System	Separate Boiler and Water Heater	Per 200 kBtuh Boiler	Existing	1,853.75	15	$ 3,695.38	0%	-
Other	Water Heat	Integrated Space Heating and Water	Integrated System	Separate Boiler and Water Heater	Per 200 kBtuh Boiler	New	1,853.75	15	$ 3,723.09	0%	-
Other	Water Heat	Low-Flow Showerheads	2.0 GPM	2.5 GPM Showerhead (Federal Code)	Per Showerhead	Existing	25.67	10	$ 8.29	13%	-
Other	Water Heat	Low-Flow Showerheads	2.0 GPM	2.5 GPM Showerhead (Federal Code)	Per Showerhead	New	25.61	10	$ 8.29	13%	1
Other	Water Heat	Low-Flow Showerheads	2.5 GPM Showerhead (Federal Code)	Existing Showerhead (4.5 GPM)	Per Showerhead	Existing	57.04	10	$ 31.27	5%	-
Other	Water Heat	Low-Flow Spray Heads	1.0 GPM	1.6 GPM (Code)	Per Spray Head	Existing	18.39	5	$ 39.09	8%	-
Other	Water Heat	Low-Flow Spray Heads	1.0 GPM	1.6 GPM (Code)	Per Spray Head	New	18.39	5	$ 39.09	8%	-
Other	Water Heat	Low-Flow Spray Heads	1.6 GPM (Code)	Existing Spray Head (2.5 GPM)	Per Spray Head	Existing	27.58	5	$ 30.00	5%	-
Other	Water Heat	Ultrasonic Faucet Control	Install Ultrasonic Faucet Control	No Faucet Control	Per Faucet	Existing	5.13	10	$ 196.25	90%	-
Other	Water Heat	Ultrasonic Faucet Control	Install Ultrasonic Faucet Control	No Faucet Control	Per Faucet	New	5.12	10	$ 196.25	90%	-
Other	Water Heat	Water Heater - 0.67 EF	Water Heater - 0.67 EF	Standard Water Heater	Per Building SqFt	Existing	0.03	13	$ 0.02	100%	-
Other	Water Heat	Water Heater - 0.67 EF	Water Heater - 0.67 EF	Standard Water Heater	Per Building SqFt	New	0.03	13	$ 0.02	100%	-
Other	Water Heat	Water Heater - 2015 Standard	2015 Standard Water Heater	Standard Water Heater	Per Building SqFt	Existing	0.02	13	$ 0.01	100%	-
Other	Water Heat	Water Heater - 2015 Standard	2015 Standard Water Heater	Standard Water Heater	Per Building SqFt	New	0.02	13	$ 0.01	100%	-
Other	Water Heat	Water Heater - Below Standard	Below Standard Water Heater	Below Standard Water Heater	Per Building SqFt	Existing	-	6	$ -	100%	-
Other	Water Heat	Water Heater - Below Standard	Below Standard Water Heater	Below Standard Water Heater	Per Building SqFt	New	-	13	$ -	100%	-
Other	Water Heat	Water Heater - Condensing 0.80 EF	Water Heater - Condensing 0.80 EF	Standard Water Heater	Per Building SqFt	Existing	0.06	13	$ 0.14	100%	-
Other	Water Heat	Water Heater - Condensing 0.80 EF	Water Heater - Condensing 0.80 EF	Standard Water Heater	Per Building SqFt	New	0.06	13	$ 0.14	100%	-
Other	Water Heat	Water Heater - Pipe Insulation	Hot Water Pipe Insulation (R-4)	No Pipe Insulation	Per Linear Foot	Existing	2.57	13	$ 2.10	52%	-
Other	Water Heat	Water Heater - Standard	Standard Water Heater	Standard Water Heater	Per Building SqFt	Existing	-	13	$ -	100%	-

Other	Water Heat	Water Heater - Standard	Standard Water Heater	Standard Water Heater	Per Building SqFt	New	-	13	$ -	100%	-
Other	Water Heat	Water Heater - Tank Blanket/Insulation	Install Insulation (R-11)	No Tank Insulation	Per Water Heater	Existing	82.13	7	$ 62.60	5%	-
Other	Water Heat	Water Heater - Tankless 0.82 EF	Water Heater - Tankless 0.82 EF	Standard Water Heater	Per Building SqFt	Existing	0.06	13	$ 0.06	100%	1,137
Other	Water Heat	Water Heater - Tankless 0.82 EF	Water Heater - Tankless 0.82 EF	Standard Water Heater	Per Building SqFt	New	0.06	13	$ 0.06	100%	56
Other	Water Heat	Water Heater - Thermostat Setback	Install Programmable Thermostat (120 Degrees)	No Thermostat Setback (130 Degrees)	Per Water Heater	Existing	279.36	4	$ 102.34	35%	142
Restaurant	Cooking	Broiler	Cooking Broiler 34% Efficient	15% Efficient	Per Broiler	Existing	657.00	10	$ 200.00	41%	-
Restaurant	Cooking	Broiler	Cooking Broiler 34% Efficient	15% Efficient	Per Broiler	New	657.00	10	$ 200.00	41%	0
Restaurant	Cooking	Convection Oven	ENERGY STAR Convection Oven	Standard Oven	Per Convection Oven	Existing	305.87	12	$ 400.00	75%	6
Restaurant	Cooking	Convection Oven	ENERGY STAR Convection Oven	Standard Oven	Per Convection Oven	New	305.87	12	$ 400.00	75%	-
Restaurant	Cooking	Conveyor Oven	High-Efficiency Model (23% Efficient)	15% Efficient	Per Conveyor Oven	Existing	3,356.43	10	$ 2,696.25	13%	99
Restaurant	Cooking	Conveyor Oven	High-Efficiency Model (23% Efficient)	15% Efficient	Per Conveyor Oven	New	3,462.71	10	$ 2,696.25	13%	3
Restaurant	Cooking	Cooking - Standard Equipment	Standard Cooking Equipment	Standard Cooking Equipment	Per Building SqFt	Existing	-	12	$ -	100%	-
Restaurant	Cooking	Cooking - Standard Equipment	Standard Cooking Equipment	Standard Cooking Equipment	Per Building SqFt	New	-	12	$ -	100%	-
Restaurant	Cooking	Fryer	ENERGY STAR Fryer	Standard	Per Fryer	Existing	504.81	12	$ 1,057.50	32%	74
Restaurant	Cooking	Fryer	ENERGY STAR Fryer	Standard	Per Fryer	New	504.81	12	$ 1,057.50	32%	2
Restaurant	Cooking	Griddle	High-Efficiency Griddle (40% Efficient)	Standard Griddle (32% Efficient)	Per Griddle	Existing	148.54	12	$ 1,165.00	56%	-
Restaurant	Cooking	Griddle	High-Efficiency Griddle (40% Efficient)	Standard Griddle (32% Efficient)	Per Griddle	New	148.54	12	$ 1,165.00	56%	-
Restaurant	Cooking	Steam Cooker	ENERGY STAR Steam Cooker	Standard	Per Steam Cooker	Existing	1,066.40	12	$ 2,075.00	26%	130
Restaurant	Cooking	Steam Cooker	ENERGY STAR Steam Cooker	Standard	Per Steam Cooker	New	1,066.40	12	$ 2,075.00	26%	4
Restaurant	Other	Other - Standard	Standard Other Equipment	Standard Other Equipment	Per Building SqFt	Existing	-	10	$ -	100%	-
Restaurant	Other	Other - Standard	Standard Other Equipment	Standard Other Equipment	Per Building SqFt	New	-	10	$ -	100%	-
Restaurant	Space Heat	Commissioning	Commissioning/QI - New Installation	No Commissioning	Per SqFt	New	0.04	7	$ 1.16	90%	-
Restaurant	Space Heat	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	Existing	20.85	20	$ 477.04	75%	-
Restaurant	Space Heat	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	New	20.85	20	$ 477.04	75%	-
Restaurant	Space Heat	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	Existing	9.27	20	$ 60.58	61%	3
Restaurant	Space Heat	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	New	9.27	20	$ 60.58	61%	0
Restaurant	Space Heat	Duct Repair And Sealing	Reduction In Duct Losses to 5%	No Repair or Sealing, 15% duct losses	Per Building SqFt	Existing	0.01	18	$ 0.24	38%	-
Restaurant	Space Heat	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	Existing	99.52	10	$ 5,450.00	64%	-
Restaurant	Space Heat	Exhaust Hood Makeup Air	Provide Makeup Air Directly at Exhaust Hood	Hood Pulls Conditioned Air (No Make-up Air)	Per Building	New	66.43	10	$ 5,450.00	64%	-
Restaurant	Space Heat	Furnace - 2013 Standard	2013 Standard Furnace	Standard Furnace	Per Building SqFt	Existing	0.07	20	$ 0.13	100%	-
Restaurant	Space Heat	Furnace - 2013 Standard	2013 Standard Furnace	Standard Furnace	Per Building SqFt	New	0.04	20	$ 0.13	100%	-
Restaurant	Space Heat	Furnace - 92% AFUE	Furnace - 92% AFUE	Standard Furnace	Per Building SqFt	Existing	0.07	20	$ 0.20	100%	-
Restaurant	Space Heat	Furnace - 92% AFUE	Furnace - 92% AFUE	Standard Furnace	Per Building SqFt	New	0.05	20	$ 0.20	100%	-
Restaurant	Space Heat	Furnace - 94% AFUE	Furnace - 94% AFUE	Standard Furnace	Per Building SqFt	Existing	0.08	20	$ 0.28	100%	-
Restaurant	Space Heat	Furnace - 94% AFUE	Furnace - 94% AFUE	Standard Furnace	Per Building SqFt	New	0.06	20	$ 0.28	100%	-
Restaurant	Space Heat	Furnace - 96% AFUE	Furnace - 96% AFUE	Standard Furnace	Per Building SqFt	Existing	0.09	20	$ 0.37	100%	25
Restaurant	Space Heat	Furnace - 96% AFUE	Furnace - 96% AFUE	Standard Furnace	Per Building SqFt	New	0.06	20	$ 0.37	100%	1
Restaurant	Space Heat	Furnace - Below Standard	Below Standard Furnace	Below Standard Furnace	Per Building SqFt	Existing	-	10	$ -	100%	-
Restaurant	Space Heat	Furnace - Below Standard	Below Standard Furnace	Below Standard Furnace	Per Building SqFt	New	-	20	$ -	100%	-
Restaurant	Space Heat	Furnace - Standard	Standard Furnace	Standard Furnace	Per Building SqFt	Existing	-	20	$ -	100%	-
Restaurant	Space Heat	Furnace - Standard	Standard Furnace	Standard Furnace	Per Building SqFt	New	-	20	$ -	100%	-
Restaurant	Space Heat	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	Existing	0.05	30	$ 10.13	74%	-
Restaurant	Space Heat	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	New	0.03	30	$ 10.13	74%	-
Restaurant	Space Heat	Infiltration Control	Weather-Stripping	Standard Practice	Per Window SqFt	Existing	0.38	13	$ 0.39	51%	39
Restaurant	Space Heat	Infrared Heater	Infrared Heater - Gas Radiant Heating	Standard Unit Heater	Per 1000 kBTU Unit Heater	Existing	1,600.00	13	$ 502.42	3%	0
Restaurant	Space Heat	Infrared Heater	Infrared Heater - Gas Radiant Heating	Standard Unit Heater	Per 1000 kBTU Unit Heater	New	1,600.00	13	$ 502.42	3%	0
Restaurant	Space Heat	Insulation - Duct	New Duct Insulation (R-8) (Unconditioned	No Insulation	Per Surface Area of Duct	Existing	0.26	20	$ 2.61	15%	1
Restaurant	Space Heat	Insulation - Floor	R-30	Average Existing Insulation (R-10)	Per Floor Area SqFt	Existing	0.02	25	$ 1.82	29%	-
Restaurant	Space Heat	Insulation - Roof	R-20ci	Average Existing Insulation (R-10)	Per Roof Area SqFt	Existing	0.01	25	$ 1.77	12%	-
Restaurant	Space Heat	Insulation - Wall	R-13+R-7.5ci	Average Existing Insulation (R-10)	Per Wall Area SqFt	Existing	0.04	25	$ 1.84	32%	-
Restaurant	Space Heat	Other Space Heat - Standard	Standard Equipment Other Space Heat	Standard Equipment Other Space Heat	Per Building SqFt	Existing	-	15	$ -	100%	-
Restaurant	Space Heat	Other Space Heat - Standard	Standard Equipment Other Space Heat	Standard Equipment Other Space Heat	Per Building SqFt	New	-	15	$ -	100%	-
Restaurant	Space Heat	Retro-Commissioning	Retro-Commissioning	No Retro-Commissioning	Per SqFt	Existing	0.08	7	$ 0.30	90%	151
Restaurant	Space Heat	Thermostat Programmable	Setback Thermostat 5-1-1, 5-2 or 7-day	Manual Thermostat	Per Thermostat	Existing	66.35	15	$ 138.50	76%	-
Restaurant	Space Heat	Tune-up - Furnace Maintenance	Furnace Maintenance (Tune-up)	Unmaintained Furnace	Per kBTU	Existing	0.56	3	$ 0.75	48%	1
Restaurant	Space Heat	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	Existing	0.09	25	$ 3.67	6%	-
Restaurant	Space Heat	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	New	0.09	25	$ 3.67	7%	-
Restaurant	Space Heat	Window - Metal Framing	U-Value = 0.55 (Code Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	0.09	25	$ 27.83	1%	-
Restaurant	Space Heat	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	Existing	0.06	25	$ 2.08	74%	-
Restaurant	Space Heat	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	New	0.06	25	$ 2.08	82%	-
Restaurant	Space Heat	Window - Non-Metal Framing	U-Value = 0.35 (Code Non-Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	0.27	25	$ 42.42	72%	-
Restaurant	Water Heat	Dishwasher	Dishwasher Enhanced Efficiency (EF 1.00) 200	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	Existing	4.26	11	$ 1,067.33	29%	-
Restaurant	Water Heat	Dishwasher	Dishwasher Enhanced Efficiency (EF 1.00) 200	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	New	4.26	11	$ 1,067.33	29%	-

Restaurant	Water Heat	Dishwasher	ENERGY STAR 295 kWh/yr and 4.25	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	Existing	1.89	11	$ 272.18	24%	-
Restaurant	Water Heat	Dishwasher	ENERGY STAR 295 kWh/yr and 4.25	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	New	1.89	11	$ 272.18	24%	-
Restaurant	Water Heat	Dishwasher	High Temp Commercial High Efficiency	Standard High Temp Commercial Dishwasher	Per Dishwasher	Existing	576.72	14	$ 442.50	52%	204
Restaurant	Water Heat	Dishwasher	High Temp Commercial High Efficiency	Standard High Temp Commercial Dishwasher	Per Dishwasher	New	576.72	14	$ 442.50	52%	5
Restaurant	Water Heat	Dishwasher	Low-Temp Commercial Dishwasher (Includes	Standard High Temp Commercial Dishwasher	Per Dishwasher	Existing	393.88	14	$ 307.50	62%	80
Restaurant	Water Heat	Dishwasher	Low-Temp Commercial Dishwasher (Includes	Standard High Temp Commercial Dishwasher	Per Dishwasher	New	393.88	14	$ 307.50	62%	2
Restaurant	Water Heat	Drainwater Heat Recovery	Install Power-Pipe or GFX System	No GFX or Power-Pipe System	Per 40 Gal Water Heater	Existing	187.87	40	$ 833.35	60%	196
Restaurant	Water Heat	Drainwater Heat Recovery	Install Power-Pipe or GFX System	No GFX or Power-Pipe System	Per 40 Gal Water Heater	New	187.46	40	$ 666.68	83%	7
Restaurant	Water Heat	Faucet Aerator	0.5 GPM	Existing Aerator (3.0 GPM)	Per Aerator	Existing	14.68	10	$ 4.76	63%	-
Restaurant	Water Heat	Low-Flow Spray Heads	1.0 GPM	1.6 GPM (Code)	Per Spray Head	Existing	18.39	5	$ 39.09	80%	-
Restaurant	Water Heat	Low-Flow Spray Heads	1.0 GPM	1.6 GPM (Code)	Per Spray Head	New	18.39	5	$ 39.09	80%	0
Restaurant	Water Heat	Low-Flow Spray Heads	1.6 GPM (Code)	Existing Spray Head (2.5 GPM)	Per Spray Head	Existing	27.58	5	$ 30.00	52%	-
Restaurant	Water Heat	Ultrasonic Faucet Control	Install Ultrasonic Faucet Control	No Faucet Control	Per Faucet	Existing	17.61	10	$ 196.25	71%	-
Restaurant	Water Heat	Ultrasonic Faucet Control	Install Ultrasonic Faucet Control	No Faucet Control	Per Faucet	New	17.57	10	$ 196.25	71%	-
Restaurant	Water Heat	Water Heater - 0.67 EF	Water Heater - 0.67 EF	Standard Water Heater	Per Building SqFt	Existing	0.09	13	$ 0.04	100%	-
Restaurant	Water Heat	Water Heater - 0.67 EF	Water Heater - 0.67 EF	Standard Water Heater	Per Building SqFt	New	0.09	13	$ 0.04	100%	-
Restaurant	Water Heat	Water Heater - 2015 Standard	2015 Standard Water Heater	Standard Water Heater	Per Building SqFt	Existing	0.05	13	$ 0.01	100%	-
Restaurant	Water Heat	Water Heater - 2015 Standard	2015 Standard Water Heater	Standard Water Heater	Per Building SqFt	New	0.05	13	$ 0.01	100%	-
Restaurant	Water Heat	Water Heater - Below Standard	Below Standard Water Heater	Below Standard Water Heater	Per Building SqFt	Existing	-	6	$ -	100%	-
Restaurant	Water Heat	Water Heater - Below Standard	Below Standard Water Heater	Below Standard Water Heater	Per Building SqFt	New	-	13	$ -	100%	-
Restaurant	Water Heat	Water Heater - Condensing 0.80 EF	Water Heater - Condensing 0.80 EF	Standard Water Heater	Per Building SqFt	Existing	0.18	13	$ 0.32	100%	-
Restaurant	Water Heat	Water Heater - Condensing 0.80 EF	Water Heater - Condensing 0.80 EF	Standard Water Heater	Per Building SqFt	New	0.18	13	$ 0.32	100%	-
Restaurant	Water Heat	Water Heater - Pipe Insulation	Hot Water Pipe Insulation (R-4)	No Pipe Insulation	Per Linear Foot	Existing	2.94	13	$ 2.10	52%	-
Restaurant	Water Heat	Water Heater - Standard	Standard Water Heater	Standard Water Heater	Per Building SqFt	Existing	-	13	$ -	100%	-
Restaurant	Water Heat	Water Heater - Standard	Standard Water Heater	Standard Water Heater	Per Building SqFt	New	-	13	$ -	100%	-
Restaurant	Water Heat	Water Heater - Tank Blanket/Insulation	Install Insulation (R-11)	No Tank Insulation	Per Water Heater	Existing	37.57	7	$ 62.60	5%	-
Restaurant	Water Heat	Water Heater - Tankless 0.82 EF	Water Heater - Tankless 0.82 EF	Standard Water Heater	Per Building SqFt	Existing	0.19	13	$ 0.14	100%	223
Restaurant	Water Heat	Water Heater - Tankless 0.82 EF	Water Heater - Tankless 0.82 EF	Standard Water Heater	Per Building SqFt	New	0.19	13	$ 0.14	100%	11
Restaurant	Water Heat	Water Heater - Thermostat Setback	Install Programmable Thermostat (120 Degrees)	No Thermostat Setback (130 Degrees)	Per Water Heater	Existing	127.80	4	$ 102.34	80%	55
Small Office	Other	Other - Standard	Standard Other Equipment	Standard Other Equipment	Per Building SqFt	Existing	-	10	$ -	100%	-
Small Office	Other	Other - Standard	Standard Other Equipment	Standard Other Equipment	Per Building SqFt	New	-	10	$ -	100%	-
Small Office	Space Heat	Commissioning	Commissioning/QI - New Installation	No Commissioning	Per SqFt	New	0.05	7	$ 1.16	90%	-
Small Office	Space Heat	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	Existing	20.85	20	$ 477.04	75%	-
Small Office	Space Heat	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	New	20.85	20	$ 477.04	75%	-
Small Office	Space Heat	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	Existing	9.27	20	$ 60.58	61%	16
Small Office	Space Heat	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	New	9.27	20	$ 60.58	61%	0
Small Office	Space Heat	Duct Repair And Sealing	Reduction In Duct Losses to 5%	No Repair or Sealing, 15% duct losses	Per Building SqFt	Existing	0.01	18	$ 0.24	38%	-
Small Office	Space Heat	Furnace - 2013 Standard	2013 Standard Furnace	Standard Furnace	Per Building SqFt	Existing	0.06	20	$ 0.12	100%	-
Small Office	Space Heat	Furnace - 2013 Standard	2013 Standard Furnace	Standard Furnace	Per Building SqFt	New	0.05	20	$ 0.12	100%	-
Small Office	Space Heat	Furnace - 92% AFUE	Furnace - 92% AFUE	Standard Furnace	Per Building SqFt	Existing	0.06	20	$ 0.18	100%	-
Small Office	Space Heat	Furnace - 92% AFUE	Furnace - 92% AFUE	Standard Furnace	Per Building SqFt	New	0.06	20	$ 0.18	100%	-
Small Office	Space Heat	Furnace - 94% AFUE	Furnace - 94% AFUE	Standard Furnace	Per Building SqFt	Existing	0.07	20	$ 0.25	100%	-
Small Office	Space Heat	Furnace - 94% AFUE	Furnace - 94% AFUE	Standard Furnace	Per Building SqFt	New	0.06	20	$ 0.25	100%	-
Small Office	Space Heat	Furnace - 96% AFUE	Furnace - 96% AFUE	Standard Furnace	Per Building SqFt	Existing	0.08	20	$ 0.33	100%	103
Small Office	Space Heat	Furnace - 96% AFUE	Furnace - 96% AFUE	Standard Furnace	Per Building SqFt	New	0.07	20	$ 0.33	100%	7
Small Office	Space Heat	Furnace - Below Standard	Below Standard Furnace	Below Standard Furnace	Per Building SqFt	Existing	-	10	$ -	100%	-
Small Office	Space Heat	Furnace - Below Standard	Below Standard Furnace	Below Standard Furnace	Per Building SqFt	New	-	20	$ -	100%	-
Small Office	Space Heat	Furnace - Standard	Standard Furnace	Standard Furnace	Per Building SqFt	Existing	-	20	$ -	100%	-
Small Office	Space Heat	Furnace - Standard	Standard Furnace	Standard Furnace	Per Building SqFt	New	-	20	$ -	100%	-
Small Office	Space Heat	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	Existing	0.04	30	$ 10.13	74%	-
Small Office	Space Heat	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	New	0.04	30	$ 10.13	74%	-
Small Office	Space Heat	Infiltration Control	Weather-Stripping	Standard Practice	Per Window SqFt	Existing	0.31	13	$ 0.39	51%	160
Small Office	Space Heat	Infrared Heater	Infrared Heater - Gas Radiant Heating	Standard Unit Heater	Per 1000 kBTU Unit Heater	Existing	1,040.00	13	$ 502.42	3%	12
Small Office	Space Heat	Infrared Heater	Infrared Heater - Gas Radiant Heating	Standard Unit Heater	Per 1000 kBTU Unit Heater	New	1,040.00	13	$ 502.42	3%	0
Small Office	Space Heat	Insulation - Duct	New Duct Insulation (R-8) (Unconditioned	No Insulation	Per Surface Area of Duct	Existing	0.22	20	$ 2.61	15%	5
Small Office	Space Heat	Insulation - Floor	R-30	Average Existing Insulation (R-10)	Per Floor Area SqFt	Existing	0.02	25	$ 1.82	29%	-
Small Office	Space Heat	Insulation - Roof	R-20ci	Average Existing Insulation (R-10)	Per Roof Area SqFt	Existing	0.01	25	$ 1.77	12%	-
Small Office	Space Heat	Insulation - Wall	R-13+R-7.5ci	Average Existing Insulation (R-10)	Per Wall Area SqFt	Existing	0.04	25	$ 1.84	32%	-
Small Office	Space Heat	Other Space Heat - Standard	Standard Equipment Other Space Heat	Standard Equipment Other Space Heat	Per Building SqFt	Existing	-	15	$ -	100%	-
Small Office	Space Heat	Other Space Heat - Standard	Standard Equipment Other Space Heat	Standard Equipment Other Space Heat	Per Building SqFt	New	-	15	$ -	100%	-
Small Office	Space Heat	Retro-Commissioning	Retro-Commissioning	No Retro-Commissioning	Per SqFt	Existing	0.07	7	$ 0.30	90%	623
Small Office	Space Heat	Thermostat Programmable	Setback Thermostat 5-1-1, 5-2 or 7-day	Manual Thermostat	Per Thermostat	Existing	71.02	15	$ 138.50	79%	-
Small Office	Space Heat	Tune-up - Furnace Maintenance	Furnace Maintenance (Tune-up)	Unmaintained Furnace	Per kBTU	Existing	0.55	3	$ 0.75	48%	5

Small Office	Space Heat	Variable Air-Volume Systems	Install Variable Air-Volume System	Constant Volume System	Per Sqft	Existing	0.05	15	$ 3.04	62%	-
Small Office	Space Heat	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	Existing	0.09	25	$ 3.67	9%	-
Small Office	Space Heat	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	New	0.09	25	$ 3.67	10%	-
Small Office	Space Heat	Window - Metal Framing	U-Value = 0.55 (Code Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	0.09	25	$ 27.83	2%	-
Small Office	Space Heat	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	Existing	0.06	25	$ 2.08	70%	-
Small Office	Space Heat	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	New	0.06	25	$ 2.08	78%	-
Small Office	Space Heat	Window - Non-Metal Framing	U-Value = 0.35 (Code Non-Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	0.27	25	$ 42.42	68%	-
Small Office	Water Heat	Dishwasher	Dishwasher Enhanced Efficiency (EF 1.00) 200	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	Existing	4.26	11	$ 1,067.33	29%	-
Small Office	Water Heat	Dishwasher	Dishwasher Enhanced Efficiency (EF 1.00) 200	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	New	4.26	11	$ 1,067.33	29%	-
Small Office	Water Heat	Dishwasher	ENERGY STAR 295 kWh/yr and 4.25	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	Existing	1.89	11	$ 272.18	24%	-
Small Office	Water Heat	Dishwasher	ENERGY STAR 295 kWh/yr and 4.25	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	New	1.89	11	$ 272.18	24%	-
Small Office	Water Heat	Drainwater Heat Recovery	Install Power-Pipe or GFX System	No GFX or Power-Pipe System	Per 40 Gal Water Heater	Existing	133.85	40	$ 833.35	60%	145
Small Office	Water Heat	Drainwater Heat Recovery	Install Power-Pipe or GFX System	No GFX or Power-Pipe System	Per 40 Gal Water Heater	New	133.56	40	$ 666.68	83%	5
Small Office	Water Heat	Faucet Aerator	0.5 GPM	Existing Aerator (3.0 GPM)	Per Aerator	Existing	20.91	10	$ 4.76	63%	-
Small Office	Water Heat	Ultrasonic Faucet Control	Install Ultrasonic Faucet Control	No Faucet Control	Per Faucet	Existing	8.37	10	$ 196.25	81%	-
Small Office	Water Heat	Ultrasonic Faucet Control	Install Ultrasonic Faucet Control	No Faucet Control	Per Faucet	New	8.35	10	$ 196.25	81%	-
Small Office	Water Heat	Water Heater - 0.67 EF	Water Heater - 0.67 EF	Standard Water Heater	Per Building SqFt	Existing	0.02	13	$ 0.02	100%	-
Small Office	Water Heat	Water Heater - 0.67 EF	Water Heater - 0.67 EF	Standard Water Heater	Per Building SqFt	New	0.02	13	$ 0.02	100%	-
Small Office	Water Heat	Water Heater - 2015 Standard	2015 Standard Water Heater	Standard Water Heater	Per Building SqFt	Existing	0.01	13	$ 0.01	100%	-
Small Office	Water Heat	Water Heater - 2015 Standard	2015 Standard Water Heater	Standard Water Heater	Per Building SqFt	New	0.01	13	$ 0.01	100%	-
Small Office	Water Heat	Water Heater - Below Standard	Below Standard Water Heater	Below Standard Water Heater	Per Building SqFt	Existing	-	6	$ -	100%	-
Small Office	Water Heat	Water Heater - Below Standard	Below Standard Water Heater	Below Standard Water Heater	Per Building SqFt	New	-	13	$ -	100%	-
Small Office	Water Heat	Water Heater - Condensing 0.80 EF	Water Heater - Condensing 0.80 EF	Standard Water Heater	Per Building SqFt	Existing	0.03	13	$ 0.19	100%	-
Small Office	Water Heat	Water Heater - Condensing 0.80 EF	Water Heater - Condensing 0.80 EF	Standard Water Heater	Per Building SqFt	New	0.03	13	$ 0.19	100%	-
Small Office	Water Heat	Water Heater - Pipe Insulation	Hot Water Pipe Insulation (R-4)	No Pipe Insulation	Per Linear Foot	Existing	0.84	13	$ 2.10	52%	-
Small Office	Water Heat	Water Heater - Standard	Standard Water Heater	Standard Water Heater	Per Building SqFt	Existing	-	13	$ -	100%	-
Small Office	Water Heat	Water Heater - Standard	Standard Water Heater	Standard Water Heater	Per Building SqFt	New	-	13	$ -	100%	-
Small Office	Water Heat	Water Heater - Tank Blanket/Insulation	Install Insulation (R-11)	No Tank Insulation	Per Water Heater	Existing	26.77	7	$ 62.60	5%	-
Small Office	Water Heat	Water Heater - Tankless 0.82 EF	Water Heater - Tankless 0.82 EF	Standard Water Heater	Per Building SqFt	Existing	0.04	13	$ 0.08	100%	162
Small Office	Water Heat	Water Heater - Tankless 0.82 EF	Water Heater - Tankless 0.82 EF	Standard Water Heater	Per Building SqFt	New	0.04	13	$ 0.08	100%	8
Small Office	Water Heat	Water Heater - Thermostat Setback	Install Programmable Thermostat (120 Degrees)	No Thermostat Setback (130 Degrees)	Per Water Heater	Existing	91.06	4	$ 102.34	35%	18
Small Retail	Other	Other - Standard	Standard Other Equipment	Standard Other Equipment	Per Building SqFt	Existing	-	10	$ -	100%	-
Small Retail	Other	Other - Standard	Standard Other Equipment	Standard Other Equipment	Per Building SqFt	New	-	10	$ -	100%	-
Small Retail	Space Heat	Commissioning	Commissioning/QI - New Installation	No Commissioning	Per SqFt	New	0.05	7	$ 1.16	90%	-
Small Retail	Space Heat	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	Existing	20.85	20	$ 477.04	75%	-
Small Retail	Space Heat	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	New	20.85	20	$ 477.04	75%	-
Small Retail	Space Heat	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	Existing	9.27	20	$ 60.58	61%	12
Small Retail	Space Heat	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	New	9.27	20	$ 60.58	61%	0
Small Retail	Space Heat	Duct Repair And Sealing	Reduction In Duct Losses to 5%	No Repair or Sealing, 15% duct losses	Per Building SqFt	Existing	0.01	18	$ 0.24	38%	-
Small Retail	Space Heat	Furnace - 2013 Standard	2013 Standard Furnace	Standard Furnace	Per Building SqFt	Existing	0.05	20	$ 0.15	100%	-
Small Retail	Space Heat	Furnace - 2013 Standard	2013 Standard Furnace	Standard Furnace	Per Building SqFt	New	0.05	20	$ 0.15	100%	-
Small Retail	Space Heat	Furnace - 92% AFUE	Furnace - 92% AFUE	Standard Furnace	Per Building SqFt	Existing	0.06	20	$ 0.24	100%	-
Small Retail	Space Heat	Furnace - 92% AFUE	Furnace - 92% AFUE	Standard Furnace	Per Building SqFt	New	0.06	20	$ 0.24	100%	-
Small Retail	Space Heat	Furnace - 94% AFUE	Furnace - 94% AFUE	Standard Furnace	Per Building SqFt	Existing	0.07	20	$ 0.33	100%	-
Small Retail	Space Heat	Furnace - 94% AFUE	Furnace - 94% AFUE	Standard Furnace	Per Building SqFt	New	0.07	20	$ 0.33	100%	-
Small Retail	Space Heat	Furnace - 96% AFUE	Furnace - 96% AFUE	Standard Furnace	Per Building SqFt	Existing	0.07	20	$ 0.43	100%	79
Small Retail	Space Heat	Furnace - 96% AFUE	Furnace - 96% AFUE	Standard Furnace	Per Building SqFt	New	0.07	20	$ 0.43	100%	6
Small Retail	Space Heat	Furnace - Below Standard	Below Standard Furnace	Below Standard Furnace	Per Building SqFt	Existing	-	10	$ -	100%	-
Small Retail	Space Heat	Furnace - Below Standard	Below Standard Furnace	Below Standard Furnace	Per Building SqFt	New	-	20	$ -	100%	-
Small Retail	Space Heat	Furnace - Standard	Standard Furnace	Standard Furnace	Per Building SqFt	Existing	-	20	$ -	100%	-
Small Retail	Space Heat	Furnace - Standard	Standard Furnace	Standard Furnace	Per Building SqFt	New	-	20	$ -	100%	-
Small Retail	Space Heat	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	Existing	0.04	30	$ 10.13	74%	-
Small Retail	Space Heat	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	New	0.04	30	$ 10.13	74%	-
Small Retail	Space Heat	Infiltration Control	Weather-Stripping	Standard Practice	Per Window SqFt	Existing	0.35	13	$ 0.39	51%	123
Small Retail	Space Heat	Infrared Heater	Infrared Heater - Gas Radiant Heating	Standard Unit Heater	Per 1000 kBTU Unit Heater	Existing	1,200.00	13	$ 502.42	3%	2
Small Retail	Space Heat	Infrared Heater	Infrared Heater - Gas Radiant Heating	Standard Unit Heater	Per 1000 kBTU Unit Heater	New	1,200.00	13	$ 502.42	3%	0
Small Retail	Space Heat	Insulation - Duct	New Duct Insulation (R-8) (Unconditioned	No Insulation	Per Surface Area of Duct	Existing	0.21	20	$ 2.61	15%	4
Small Retail	Space Heat	Insulation - Floor	R-30	Average Existing Insulation (R-10)	Per Floor Area SqFt	Existing	0.02	25	$ 1.82	29%	-
Small Retail	Space Heat	Insulation - Roof	R-20ci	Average Existing Insulation (R-10)	Per Roof Area SqFt	Existing	0.01	25	$ 1.77	12%	-
Small Retail	Space Heat	Insulation - Wall	R-13+R-7.5ci	Average Existing Insulation (R-10)	Per Wall Area SqFt	Existing	0.04	25	$ 1.84	32%	-
Small Retail	Space Heat	Other Space Heat - Standard	Standard Equipment Other Space Heat	Standard Equipment Other Space Heat	Per Building SqFt	Existing	-	15	$ -	100%	-
Small Retail	Space Heat	Other Space Heat - Standard	Standard Equipment Other Space Heat	Standard Equipment Other Space Heat	Per Building SqFt	New	-	15	$ -	100%	-
Small Retail	Space Heat	Retro-Commissioning	Retro-Commissioning	No Retro-Commissioning	Per SqFt	Existing	0.06	7	$ 0.30	90%	478

Small Retail	Space Heat	Thermostat Programmable	Setback Thermostat 5-1-1, 5-2 or 7-day	Manual Thermostat	Per Thermostat	Existing	72.34	15	$ 138.50	88%	-
Small Retail	Space Heat	Tune-up - Furnace Maintenance	Furnace Maintenance (Tune-up)	Unmaintained Furnace	Per kBTU	Existing	0.38	3	$ 0.75	48%	-
Small Retail	Space Heat	Variable Air-Volume Systems	Install Variable Air-Volume System	Constant Volume System	Per Sqft	Existing	0.05	15	$ 3.04	65%	-
Small Retail	Space Heat	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	Existing	0.09	25	$ 3.67	9%	-
Small Retail	Space Heat	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	New	0.09	25	$ 3.67	10%	-
Small Retail	Space Heat	Window - Metal Framing	U-Value = 0.55 (Code Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	0.09	25	$ 27.83	2%	-
Small Retail	Space Heat	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	Existing	0.06	25	$ 2.08	70%	-
Small Retail	Space Heat	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	New	0.06	25	$ 2.08	78%	-
Small Retail	Space Heat	Window - Non-Metal Framing	U-Value = 0.35 (Code Non-Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	0.27	25	$ 42.42	68%	-
Small Retail	Water Heat	Clothes Washer	Residential Grade, Clothes Washer Enhanced	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	86.43	11	$ 789.72	5%	-
Small Retail	Water Heat	Clothes Washer	Residential Grade, Clothes Washer CEE Tier 2	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	62.21	11	$ 391.57	4%	0
Small Retail	Water Heat	Clothes Washer	Residential Grade, Clothes Washer CEE Tier 2	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	62.21	11	$ 391.57	4%	0
Small Retail	Water Heat	Clothes Washer	Residential Grade, Clothes Washer CEE Tier 3	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	69.16	11	$ 565.12	4%	0
Small Retail	Water Heat	Clothes Washer	Residential Grade, Clothes Washer CEE Tier 3	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	69.16	11	$ 565.12	4%	0
Small Retail	Water Heat	Clothes Washer	Residential Grade, Clothes Washer ENERGY	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	Existing	53.88	11	$ 134.79	4%	0
Small Retail	Water Heat	Clothes Washer	Residential Grade, Clothes Washer ENERGY	Standard Clothes Washer MEF = 1.26 and WF	Per Clothes Washer	New	53.88	11	$ 134.79	4%	0
Small Retail	Water Heat	Dishwasher	Dishwasher Enhanced Efficiency (EF 1.00) 200	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	Existing	4.26	11	$ 1,067.33	5%	-
Small Retail	Water Heat	Dishwasher	Dishwasher Enhanced Efficiency (EF 1.00) 200	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	New	4.26	11	$ 1,067.33	5%	-
Small Retail	Water Heat	Dishwasher	ENERGY STAR 295 kWh/yr and 4.25	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	Existing	1.89	11	$ 272.18	4%	-
Small Retail	Water Heat	Dishwasher	ENERGY STAR 295 kWh/yr and 4.25	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	New	1.89	11	$ 272.18	4%	-
Small Retail	Water Heat	Drainwater Heat Recovery	Install Power-Pipe or GFX System	No GFX or Power-Pipe System	Per 40 Gal Water Heater	Existing	196.25	40	$ 833.35	60%	109
Small Retail	Water Heat	Drainwater Heat Recovery	Install Power-Pipe or GFX System	No GFX or Power-Pipe System	Per 40 Gal Water Heater	New	195.82	40	$ 666.68	83%	4
Small Retail	Water Heat	Faucet Aerator	0.5 GPM	Existing Aerator (3.0 GPM)	Per Aerator	Existing	30.66	10	$ 4.76	63%	-
Small Retail	Water Heat	Ultrasonic Faucet Control	Install Ultrasonic Faucet Control	No Faucet Control	Per Faucet	Existing	12.27	10	$ 196.25	81%	-
Small Retail	Water Heat	Ultrasonic Faucet Control	Install Ultrasonic Faucet Control	No Faucet Control	Per Faucet	New	12.24	10	$ 196.25	81%	-
Small Retail	Water Heat	Water Heater - 0.67 EF	Water Heater - 0.67 EF	Standard Water Heater	Per Building SqFt	Existing	0.02	13	$ 0.02	100%	-
Small Retail	Water Heat	Water Heater - 0.67 EF	Water Heater - 0.67 EF	Standard Water Heater	Per Building SqFt	New	0.02	13	$ 0.02	100%	-
Small Retail	Water Heat	Water Heater - 2015 Standard	2015 Standard Water Heater	Standard Water Heater	Per Building SqFt	Existing	0.01	13	$ 0.01	100%	-
Small Retail	Water Heat	Water Heater - 2015 Standard	2015 Standard Water Heater	Standard Water Heater	Per Building SqFt	New	0.01	13	$ 0.01	100%	-
Small Retail	Water Heat	Water Heater - Below Standard	Below Standard Water Heater	Below Standard Water Heater	Per Building SqFt	Existing	-	6	$ -	100%	-
Small Retail	Water Heat	Water Heater - Below Standard	Below Standard Water Heater	Below Standard Water Heater	Per Building SqFt	New	-	13	$ -	100%	-
Small Retail	Water Heat	Water Heater - Condensing 0.80 EF	Water Heater - Condensing 0.80 EF	Standard Water Heater	Per Building SqFt	Existing	0.04	13	$ 0.17	100%	-
Small Retail	Water Heat	Water Heater - Condensing 0.80 EF	Water Heater - Condensing 0.80 EF	Standard Water Heater	Per Building SqFt	New	0.04	13	$ 0.17	100%	-
Small Retail	Water Heat	Water Heater - Pipe Insulation	Hot Water Pipe Insulation (R-4)	No Pipe Insulation	Per Linear Foot	Existing	1.23	13	$ 2.10	52%	-
Small Retail	Water Heat	Water Heater - Standard	Standard Water Heater	Standard Water Heater	Per Building SqFt	Existing	-	13	$ -	100%	-
Small Retail	Water Heat	Water Heater - Standard	Standard Water Heater	Standard Water Heater	Per Building SqFt	New	-	13	$ -	100%	-
Small Retail	Water Heat	Water Heater - Tank Blanket/Insulation	Install Insulation (R-11)	No Tank Insulation	Per Water Heater	Existing	39.25	7	$ 62.60	5%	-
Small Retail	Water Heat	Water Heater - Tankless 0.82 EF	Water Heater - Tankless 0.82 EF	Standard Water Heater	Per Building SqFt	Existing	0.05	13	$ 0.08	100%	122
Small Retail	Water Heat	Water Heater - Tankless 0.82 EF	Water Heater - Tankless 0.82 EF	Standard Water Heater	Per Building SqFt	New	0.05	13	$ 0.08	100%	6
Small Retail	Water Heat	Water Heater - Thermostat Setback	Install Programmable Thermostat (120 Degrees)	No Thermostat Setback (130 Degrees)	Per Water Heater	Existing	133.50	4	$ 102.34	35%	13
Warehouse	Other	Other - Standard	Standard Other Equipment	Standard Other Equipment	Per Building SqFt	Existing	-	10	$ -	100%	-
Warehouse	Other	Other - Standard	Standard Other Equipment	Standard Other Equipment	Per Building SqFt	New	-	10	$ -	100%	-
Warehouse	Space Heat	Boiler - 2013 Federal Standard	2013 Standard Boiler	Standard Boiler	Per Building SqFt	Existing	0.01	20	$ 0.07	100%	-
Warehouse	Space Heat	Boiler - 2013 Federal Standard	2013 Standard Boiler	Standard Boiler	Per Building SqFt	New	0.01	20	$ 0.07	100%	-
Warehouse	Space Heat	Boiler - 85% AFUE	Boiler - 85% AFUE	Standard Boiler	Per Building SqFt	Existing	0.02	20	$ 0.17	100%	-
Warehouse	Space Heat	Boiler - 85% AFUE	Boiler - 85% AFUE	Standard Boiler	Per Building SqFt	New	0.02	20	$ 0.17	100%	-
Warehouse	Space Heat	Boiler - 90% AFUE	Boiler - 90% AFUE	Standard Boiler	Per Building SqFt	Existing	0.03	20	$ 0.34	100%	-
Warehouse	Space Heat	Boiler - 90% AFUE	Boiler - 90% AFUE	Standard Boiler	Per Building SqFt	New	0.03	20	$ 0.34	100%	-
Warehouse	Space Heat	Boiler - 94% AFUE	Boiler - 94% AFUE	Standard Boiler	Per Building SqFt	Existing	0.05	20	$ 0.48	100%	-
Warehouse	Space Heat	Boiler - 94% AFUE	Boiler - 94% AFUE	Standard Boiler	Per Building SqFt	New	0.05	20	$ 0.48	100%	-
Warehouse	Space Heat	Boiler - 96% AFUE	Boiler - 96% AFUE	Standard Boiler	Per Building SqFt	Existing	0.05	20	$ 0.55	100%	185
Warehouse	Space Heat	Boiler - 96% AFUE	Boiler - 96% AFUE	Standard Boiler	Per Building SqFt	New	0.05	20	$ 0.55	100%	12
Warehouse	Space Heat	Boiler - Below Standard	Below Standard Boiler	Below Standard Boiler	Per Building SqFt	Existing	-	10	$ -	100%	-
Warehouse	Space Heat	Boiler - Below Standard	Below Standard Boiler	Below Standard Boiler	Per Building SqFt	New	-	20	$ -	100%	-
Warehouse	Space Heat	Boiler - Economizer	Economizer	No Economizer	Per Boiler HP	Existing	14.29	20	$ 86.84	75%	-
Warehouse	Space Heat	Boiler - Federal Standard	Standard Boiler	Standard Boiler	Per Building SqFt	Existing	-	20	$ -	100%	-
Warehouse	Space Heat	Boiler - Federal Standard	Standard Boiler	Standard Boiler	Per Building SqFt	New	-	20	$ -	100%	-
Warehouse	Space Heat	Boiler - Pipe Insulation	Above Code (3" of Insulation)	Code (2" of Insulation)	Per Linear Foot of Boiler Pipe	Existing	0.08	20	$ 4.44	49%	-
Warehouse	Space Heat	Boiler - Pipe Insulation	Above Code (3" of Insulation)	Code (2" of Insulation)	Per Linear Foot of Boiler Pipe	New	0.08	20	$ 4.44	49%	-
Warehouse	Space Heat	Boiler - Pipe Insulation	Code (2" of Insulation)	Existing Insulation (1" of Insulation)	Per Linear Foot of Boiler Pipe	Existing	0.32	20	$ 15.16	15%	-
Warehouse	Space Heat	Boiler - Turbulators	Boiler Turbulator	No Turbulator	Per Tube	Existing	3.94	20	$ 15.00	55%	50
Warehouse	Space Heat	Boiler Reset Controls	Boiler Reset Controls	No Boiler Reset Controls	Per Control	Existing	585.02	10	$ 2,060.00	64%	174
Warehouse	Space Heat	Boiler Reset Controls	Boiler Reset Controls	No Boiler Reset Controls	Per Control	New	561.56	10	$ 2,060.00	77%	6

Warehouse	Space Heat	Commissioning	Commissioning/QI - New Installation	No Commissioning	Per SqFt	New	0.04	7	$ 1.16	90%	-
Warehouse	Space Heat	Commissioning	Commissioning/QI - New Installation	No Commissioning	Per SqFt	New	0.05	7	$ 1.16	90%	-
Warehouse	Space Heat	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	Existing	767.83	5	$ 3,122.28	75%	-
Warehouse	Space Heat	Direct Digital Control System -	DDC Optimization	Standard DDC	Per Building	New	737.05	5	$ 3,122.28	75%	-
Warehouse	Space Heat	Direct Digital Control System-	DDC Retrofit - EMS Upgrade	Pneumatic	Per Building	Existing	767.83	5	$ 5,067.28	85%	-
Warehouse	Space Heat	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	Existing	20.85	20	$ 477.04	75%	-
Warehouse	Space Heat	Doors	U-Factor = 0.10	Standard Door (U-Factor = 0.55)	Per Door	New	20.85	20	$ 477.04	75%	-
Warehouse	Space Heat	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	Existing	9.27	20	$ 60.58	61%	38
Warehouse	Space Heat	Doors	U-Factor = 0.35	Standard Door (U-Factor = 0.55)	Per Door	New	9.27	20	$ 60.58	61%	1
Warehouse	Space Heat	Duct Repair And Sealing	Reduction In Duct Losses to 5%	No Repair or Sealing, 15% duct losses	Per Building SqFt	Existing	0.01	18	$ 0.24	38%	-
Warehouse	Space Heat	Furnace - 2013 Standard	2013 Standard Furnace	Standard Furnace	Per Building SqFt	Existing	0.05	20	$ 0.09	100%	-
Warehouse	Space Heat	Furnace - 2013 Standard	2013 Standard Furnace	Standard Furnace	Per Building SqFt	New	0.05	20	$ 0.09	100%	-
Warehouse	Space Heat	Furnace - 92% AFUE	Furnace - 92% AFUE	Standard Furnace	Per Building SqFt	Existing	0.06	20	$ 0.14	100%	-
Warehouse	Space Heat	Furnace - 92% AFUE	Furnace - 92% AFUE	Standard Furnace	Per Building SqFt	New	0.06	20	$ 0.14	100%	-
Warehouse	Space Heat	Furnace - 94% AFUE	Furnace - 94% AFUE	Standard Furnace	Per Building SqFt	Existing	0.07	20	$ 0.19	100%	-
Warehouse	Space Heat	Furnace - 94% AFUE	Furnace - 94% AFUE	Standard Furnace	Per Building SqFt	New	0.07	20	$ 0.19	100%	-
Warehouse	Space Heat	Furnace - 96% AFUE	Furnace - 96% AFUE	Standard Furnace	Per Building SqFt	Existing	0.08	20	$ 0.25	100%	419
Warehouse	Space Heat	Furnace - 96% AFUE	Furnace - 96% AFUE	Standard Furnace	Per Building SqFt	New	0.07	20	$ 0.25	100%	32
Warehouse	Space Heat	Furnace - Below Standard	Below Standard Furnace	Below Standard Furnace	Per Building SqFt	Existing	-	10	$ -	100%	-
Warehouse	Space Heat	Furnace - Below Standard	Below Standard Furnace	Below Standard Furnace	Per Building SqFt	New	-	20	$ -	100%	-
Warehouse	Space Heat	Furnace - Standard	Standard Furnace	Standard Furnace	Per Building SqFt	Existing	-	20	$ -	100%	-
Warehouse	Space Heat	Furnace - Standard	Standard Furnace	Standard Furnace	Per Building SqFt	New	-	20	$ -	100%	-
Warehouse	Space Heat	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	Existing	0.03	30	$ 10.13	74%	-
Warehouse	Space Heat	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	Existing	0.04	30	$ 10.13	74%	-
Warehouse	Space Heat	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	New	0.03	30	$ 10.13	74%	-
Warehouse	Space Heat	Green Roof	Ecoroof, Vegetated Roof System	Standard Roof	Per Roof Area SqFt	New	0.04	30	$ 10.13	74%	-
Warehouse	Space Heat	Infiltration Control	Weather-Stripping	Standard Practice	Per Window SqFt	Existing	0.71	13	$ 0.39	9%	-
Warehouse	Space Heat	Infiltration Control	Weather-Stripping	Standard Practice	Per Window SqFt	Existing	0.89	13	$ 0.39	9%	113
Warehouse	Space Heat	Infrared Heater	Infrared Heater - Gas Radiant Heating	Standard Unit Heater	Per 1000 kBTU Unit Heater	Existing	1,320.00	13	$ 502.42	3%	2
Warehouse	Space Heat	Infrared Heater	Infrared Heater - Gas Radiant Heating	Standard Unit Heater	Per 1000 kBTU Unit Heater	New	1,320.00	13	$ 502.42	3%	0
Warehouse	Space Heat	Insulation - Duct	New Duct Insulation (R-8) (Unconditioned	No Insulation	Per Surface Area of Duct	Existing	0.21	20	$ 2.61	15%	112
Warehouse	Space Heat	Insulation - Floor	R-30	Average Existing Insulation (R-10)	Per Floor Area SqFt	Existing	0.02	25	$ 1.82	29%	-
Warehouse	Space Heat	Insulation - Roof	R-20ci	Average Existing Insulation (R-10)	Per Roof Area SqFt	Existing	0.01	25	$ 1.77	12%	-
Warehouse	Space Heat	Insulation - Wall	R-13+R-7.5ci	Average Existing Insulation (R-10)	Per Wall Area SqFt	Existing	0.04	25	$ 1.84	32%	-
Warehouse	Space Heat	Integrated Space Heating and Water	Integrated System	Separate Boiler and Water Heater	Per 200 kBtuh Boiler	Existing	197.20	15	$ 1,689.83	0%	-
Warehouse	Space Heat	Integrated Space Heating and Water	Integrated System	Separate Boiler and Water Heater	Per 200 kBtuh Boiler	New	189.29	15	$ 1,649.43	0%	-
Warehouse	Space Heat	Other Space Heat - Standard	Standard Equipment Other Space Heat	Standard Equipment Other Space Heat	Per Building SqFt	Existing	-	15	$ -	100%	-
Warehouse	Space Heat	Other Space Heat - Standard	Standard Equipment Other Space Heat	Standard Equipment Other Space Heat	Per Building SqFt	New	-	15	$ -	100%	-
Warehouse	Space Heat	Retro-Commissioning	Retro-Commissioning	No Retro-Commissioning	Per SqFt	Existing	0.05	7	$ 0.30	90%	-
Warehouse	Space Heat	Retro-Commissioning	Retro-Commissioning	No Retro-Commissioning	Per SqFt	Existing	0.06	7	$ 0.30	90%	2,546
Warehouse	Space Heat	Thermostat Programmable	Setback Thermostat 5-1-1, 5-2 or 7-day	Manual Thermostat	Per Thermostat	Existing	175.50	15	$ 138.50	92%	-
Warehouse	Space Heat	Thermostat Programmable	Setback Thermostat 5-1-1, 5-2 or 7-day	Manual Thermostat	Per Thermostat	Existing	220.49	15	$ 138.50	92%	52
Warehouse	Space Heat	Tune-up - Boiler Maintenance	Boiler Maintenance (Tune-up)	Unmaintained Boiler	Per kBTU	Existing	0.55	3	$ 0.75	48%	61
Warehouse	Space Heat	Tune-up - Furnace Maintenance	Furnace Maintenance (Tune-up)	Unmaintained Furnace	Per kBTU	Existing	0.69	3	$ 0.75	48%	22
Warehouse	Space Heat	Vent Damper	Automatic Air Flue Damper	No Damper	Per 200 kBtuh Boiler	Existing	87.64	12	$ 318.44	21%	-
Warehouse	Space Heat	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	Existing	0.09	25	$ 3.67	53%	-
Warehouse	Space Heat	Window - Metal Framing	U-Value = 0.45	U-Value = 0.55 (Code Metal Framing)	Per Window SqFt	New	0.09	25	$ 3.67	59%	-
Warehouse	Space Heat	Window - Metal Framing	U-Value = 0.55 (Code Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	0.09	25	$ 27.83	10%	-
Warehouse	Space Heat	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	Existing	0.06	25	$ 2.08	12%	-
Warehouse	Space Heat	Window - Non-Metal Framing	U-Value = 0.30	U-Value = 0.35 (Code Non-Metal Framing)	Per Window SqFt	New	0.06	25	$ 2.08	14%	-
Warehouse	Space Heat	Window - Non-Metal Framing	U-Value = 0.35 (Code Non-Metal Framing)	Existing Windows U = 0.67	Per Window SqFt	Existing	0.27	25	$ 42.42	12%	-
Warehouse	Water Heat	Dishwasher	Dishwasher Enhanced Efficiency (EF 1.00) 200	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	Existing	4.26	11	$ 1,067.33	10%	-
Warehouse	Water Heat	Dishwasher	Dishwasher Enhanced Efficiency (EF 1.00) 200	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	New	4.26	11	$ 1,067.33	10%	-
Warehouse	Water Heat	Dishwasher	ENERGY STAR 295 kWh/yr and 4.25	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	Existing	1.89	11	$ 272.18	8%	-
Warehouse	Water Heat	Dishwasher	ENERGY STAR 295 kWh/yr and 4.25	Federal Standard 355 kWh/yr and 6.5	Per Dishwasher	New	1.89	11	$ 272.18	8%	-
Warehouse	Water Heat	Drainwater Heat Recovery	Install Power-Pipe or GFX System	No GFX or Power-Pipe System	Per 40 Gal Water Heater	Existing	798.06	40	$ 833.35	60%	410
Warehouse	Water Heat	Drainwater Heat Recovery	Install Power-Pipe or GFX System	No GFX or Power-Pipe System	Per 40 Gal Water Heater	New	796.33	40	$ 666.68	83%	15
Warehouse	Water Heat	Faucet Aerator	0.5 GPM	Existing Aerator (3.0 GPM)	Per Aerator	Existing	41.57	10	$ 4.76	63%	-
Warehouse	Water Heat	Integrated Space Heating and Water	Integrated System	Separate Boiler and Water Heater	Per 200 kBtuh Boiler	Existing	279.62	15	$ 2,396.17	0%	-
Warehouse	Water Heat	Integrated Space Heating and Water	Integrated System	Separate Boiler and Water Heater	Per 200 kBtuh Boiler	New	279.62	15	$ 2,436.57	0%	-
Warehouse	Water Heat	Ultrasonic Faucet Control	Install Ultrasonic Faucet Control	No Faucet Control	Per Faucet	Existing	24.94	10	$ 196.25	90%	-
Warehouse	Water Heat	Ultrasonic Faucet Control	Install Ultrasonic Faucet Control	No Faucet Control	Per Faucet	New	24.89	10	$ 196.25	90%	-
Warehouse	Water Heat	Water Heater - 0.67 EF	Water Heater - 0.67 EF	Standard Water Heater	Per Building SqFt	Existing	0.02	13	$ 0.01	100%	-

Warehouse	Water Heat	Water Heater - 0.67 EF	Water Heater - 0.67 EF	Standard Water Heater	Per Building SqFt	New	0.02	13	$ 0.01	100%	-
Warehouse	Water Heat	Water Heater - 2015 Standard	2015 Standard Water Heater	Standard Water Heater	Per Building SqFt	Existing	0.01	13	$ 0.00	100%	-
Warehouse	Water Heat	Water Heater - 2015 Standard	2015 Standard Water Heater	Standard Water Heater	Per Building SqFt	New	0.01	13	$ 0.00	100%	-
Warehouse	Water Heat	Water Heater - Below Standard	Below Standard Water Heater	Below Standard Water Heater	Per Building SqFt	Existing	-	6	$ -	100%	-
Warehouse	Water Heat	Water Heater - Below Standard	Below Standard Water Heater	Below Standard Water Heater	Per Building SqFt	New	-	13	$ -	100%	-
Warehouse	Water Heat	Water Heater - Condensing 0.80 EF	Water Heater - Condensing 0.80 EF	Standard Water Heater	Per Building SqFt	Existing	0.03	13	$ 0.04	100%	-
Warehouse	Water Heat	Water Heater - Condensing 0.80 EF	Water Heater - Condensing 0.80 EF	Standard Water Heater	Per Building SqFt	New	0.03	13	$ 0.04	100%	-
Warehouse	Water Heat	Water Heater - Pipe Insulation	Hot Water Pipe Insulation (R-4)	No Pipe Insulation	Per Linear Foot	Existing	4.99	13	$ 2.10	52%	-
Warehouse	Water Heat	Water Heater - Standard	Standard Water Heater	Standard Water Heater	Per Building SqFt	Existing	-	13	$ -	100%	-
Warehouse	Water Heat	Water Heater - Standard	Standard Water Heater	Standard Water Heater	Per Building SqFt	New	-	13	$ -	100%	-
Warehouse	Water Heat	Water Heater - Tank Blanket/Insulation	Install Insulation (R-11)	No Tank Insulation	Per Water Heater	Existing	159.61	7	$ 62.60	5%	-
Warehouse	Water Heat	Water Heater - Tankless 0.82 EF	Water Heater - Tankless 0.82 EF	Standard Water Heater	Per Building SqFt	Existing	0.03	13	$ 0.02	100%	460
Warehouse	Water Heat	Water Heater - Tankless 0.82 EF	Water Heater - Tankless 0.82 EF	Standard Water Heater	Per Building SqFt	New	0.03	13	$ 0.02	100%	24
Warehouse	Water Heat	Water Heater - Thermostat Setback	Install Programmable Thermostat (120 Degrees)	No Thermostat Setback (130 Degrees)	Per Water Heater	Existing	542.90	4	$ 102.34	35%	50

Total Commercial Gas 39,890

Segment	End Use	Measure Name	Unit Description	Construction Vintage	Percent Savings	Measure Life	Cost per Base Year Therm Saved	2023 Economic Potential (Thousand Therms)
Agriculture	HVAC	Duct Repair And Sealing	Per Unit	Existing	3%	18	$ 20.10	-
Agriculture	HVAC	Efficient Furnace	Per Unit	Existing	17%	20	$ 2.75	7
Agriculture	HVAC	Thermostat Programmable	Per Unit	Existing	3%	15	$ 0.63	4
Agriculture	HVAC	Waste Heat Recovery	Per Unit	Existing	5%	15	$ 2.90	1
Agriculture	Indirect	Blowdown Steam Heat Recovery	Per Unit	Existing	1%	15	$ 2.60	1
Agriculture	Indirect	Economizer	Per Unit	Existing	6%	20	$ 6.08	8
Agriculture	Indirect	Efficient Boiler	Per Unit	Existing	12%	20	$ 1.53	56
Agriculture	Indirect	Efficient Burners	Per Unit	Existing	22%	15	$ 0.17	104
Agriculture	Indirect	Improved Boiler Insulation	Per Unit	Existing	8%	15	$ 6.40	35
Agriculture	Indirect	Improved Boiler Load Control	Per Unit	Existing	4%	15	$ 1.50	18
Agriculture	Indirect	Improved Boiler Process Control	Per Unit	Existing	3%	15	$ 1.30	13
Agriculture	Indirect	Upgrade Burner Efficiency	Per Unit	Existing	8%	20	$ 1.70	12
Agriculture	Process	Efficient Drying	Per Unit	Existing	15%	20	$ 4.27	77
Agriculture	Process	Heat Recovery / Economizer	Per Unit	Existing	3%	15	$ 2.90	5
Agriculture	Process	Improved Controls	Per Unit	Existing	30%	15	$ 0.48	142
Agriculture	Process	Steam Trap Maintenance	Per Unit	Existing	13%	2	$ 4.60	-
Agriculture	Process	Steam Trap Replacement	Per Unit	Existing	15%	2	$ 5.60	-
Chemical	HVAC	Duct Repair And Sealing	Per Unit	Existing	3%	18	$ 20.10	-
Chemical	HVAC	Efficient Furnace	Per Unit	Existing	17%	20	$ 2.75	2
Chemical	HVAC	Thermostat Programmable	Per Unit	Existing	3%	15	$ 0.63	1
Chemical	HVAC	Waste Heat Recovery	Per Unit	Existing	5%	15	$ 2.90	0
Chemical	Indirect	Blowdown Steam Heat Recovery	Per Unit	Existing	1%	15	$ 2.60	2
Chemical	Indirect	Economizer	Per Unit	Existing	6%	20	$ 6.08	8
Chemical	Indirect	Efficient Boiler	Per Unit	Existing	12%	20	$ 1.53	58
Chemical	Indirect	Efficient Burners	Per Unit	Existing	22%	15	$ 0.17	108
Chemical	Indirect	Improved Boiler Insulation	Per Unit	Existing	8%	15	$ 6.40	37
Chemical	Indirect	Improved Boiler Load Control	Per Unit	Existing	4%	15	$ 1.50	19
Chemical	Indirect	Improved Boiler Process Control	Per Unit	Existing	3%	15	$ 1.30	14
Chemical	Indirect	Upgrade Burner Efficiency	Per Unit	Existing	8%	20	$ 1.70	12
Chemical	Process	Heat Recovery / Economizer	Per Unit	Existing	3%	15	$ 2.90	6
Chemical	Process	Improved Controls	Per Unit	Existing	30%	15	$ 0.48	71
Chemical	Process	Steam Trap Maintenance	Per Unit	Existing	13%	2	$ 4.60	-
Chemical	Process	Steam Trap Replacement	Per Unit	Existing	15%	2	$ 5.60	-
Chemical	Process	Thermal Oxidizer Upgrades	Per Unit	Existing	43%	15	$ 2.30	125

Electrical	HVAC	Duct Repair And Sealing	Per Unit	Existing	3%	18	$	20.10	-
Electrical	HVAC	Efficient Furnace	Per Unit	Existing	17%	20	$	2.75	0
Electrical	HVAC	Thermostat Programmable	Per Unit	Existing	3%	15	$	0.63	0
Electrical	HVAC	Waste Heat Recovery	Per Unit	Existing	5%	15	$	2.90	0
Electrical	Indirect	Blowdown Steam Heat Recovery	Per Unit	Existing	1%	15	$	2.60	0
Electrical	Indirect	Economizer	Per Unit	Existing	6%	20	$	6.08	0
Electrical	Indirect	Efficient Boiler	Per Unit	Existing	12%	20	$	1.53	0
Electrical	Indirect	Improved Boiler Insulation	Per Unit	Existing	8%	15	$	6.40	0
Electrical	Indirect	Improved Boiler Load Control	Per Unit	Existing	4%	15	$	1.50	0
Electrical	Indirect	Improved Boiler Process Control	Per Unit	Existing	3%	15	$	1.30	0
Electrical	Indirect	Upgrade Burner Efficiency	Per Unit	Existing	8%	20	$	1.70	0
Electrical	Process	Efficient Process Furnaces	Per Unit	Existing	7%	25	$	1.33	0
Electrical	Process	Heat Recovery / Economizer	Per Unit	Existing	3%	15	$	2.90	0
Electrical	Process	Improved Controls	Per Unit	Existing	30%	15	$	0.48	1
Electrical	Process	Optimized Furnace Operations	Per Unit	Existing	6%	15	$	0.42	0
Electrical	Process	Steam Trap Maintenance	Per Unit	Existing	13%	2	$	4.60	-
Electrical	Process	Steam Trap Replacement	Per Unit	Existing	15%	2	$	5.60	-
Fabricated	HVAC	Duct Repair And Sealing	Per Unit	Existing	3%	18	$	20.10	-
Fabricated	HVAC	Efficient Furnace	Per Unit	Existing	17%	20	$	2.75	1
Fabricated	HVAC	Thermostat Programmable	Per Unit	Existing	3%	15	$	0.63	1
Fabricated	HVAC	Waste Heat Recovery	Per Unit	Existing	5%	15	$	2.90	0
Fabricated	Indirect	Blowdown Steam Heat Recovery	Per Unit	Existing	1%	15	$	2.60	0
Fabricated	Indirect	Economizer	Per Unit	Existing	6%	20	$	6.08	0
Fabricated	Indirect	Efficient Boiler	Per Unit	Existing	12%	20	$	1.53	1
Fabricated	Indirect	Improved Boiler Insulation	Per Unit	Existing	8%	15	$	6.40	1
Fabricated	Indirect	Improved Boiler Load Control	Per Unit	Existing	4%	15	$	1.50	0
Fabricated	Indirect	Improved Boiler Process Control	Per Unit	Existing	3%	15	$	1.30	0
Fabricated	Indirect	Upgrade Burner Efficiency	Per Unit	Existing	8%	20	$	1.70	0
Fabricated	Process	Efficient Process Furnaces	Per Unit	Existing	7%	25	$	1.33	1
Fabricated	Process	Heat Recovery / Economizer	Per Unit	Existing	3%	15	$	2.90	1
Fabricated	Process	Improved Controls	Per Unit	Existing	30%	15	$	0.48	6
Fabricated	Process	Optimized Furnace Operations	Per Unit	Existing	6%	16	$	0.42	1
Fabricated	Process	Steam Trap Maintenance	Per Unit	Existing	13%	2	$	4.60	-
Fabricated	Process	Steam Trap Replacement	Per Unit	Existing	15%	2	$	5.60	-
Food Mfg	HVAC	Duct Repair And Sealing	Per Unit	Existing	3%	18	$	20.10	-
Food Mfg	HVAC	Efficient Furnace	Per Unit	Existing	17%	20	$	2.75	9
Food Mfg	HVAC	Thermostat Programmable	Per Unit	Existing	3%	15	$	0.63	5
Food Mfg	HVAC	Waste Heat Recovery	Per Unit	Existing	5%	15	$	2.90	1
Food Mfg	Indirect	Blowdown Steam Heat Recovery	Per Unit	Existing	1%	15	$	2.60	2

Food Mfg	Indirect	Economizer	Per Unit	Existing	6%	20	$	6.08	11
Food Mfg	Indirect	Efficient Boiler	Per Unit	Existing	12%	20	$	1.53	72
Food Mfg	Indirect	Efficient Burners	Per Unit	Existing	22%	15	$	0.17	135
Food Mfg	Indirect	Improved Boiler Insulation	Per Unit	Existing	8%	15	$	6.40	46
Food Mfg	Indirect	Improved Boiler Load Control	Per Unit	Existing	4%	15	$	1.50	23
Food Mfg	Indirect	Improved Boiler Process Control	Per Unit	Existing	3%	15	$	1.30	17
Food Mfg	Indirect	Upgrade Burner Efficiency	Per Unit	Existing	8%	20	$	1.70	16
Food Mfg	Process	Efficient Drying	Per Unit	Existing	15%	20	$	4.27	100
Food Mfg	Process	Heat Recovery / Economizer	Per Unit	Existing	3%	15	$	2.90	7
Food Mfg	Process	Improved Controls	Per Unit	Existing	30%	15	$	0.48	184
Food Mfg	Process	Steam Trap Maintenance	Per Unit	Existing	13%	2	$	4.60	-
Food Mfg	Process	Steam Trap Replacement	Per Unit	Existing	15%	2	$	5.60	-
Furniture	HVAC	Duct Repair And Sealing	Per Unit	Existing	3%	18	$	20.10	-
Furniture	HVAC	Efficient Furnace	Per Unit	Existing	17%	20	$	2.75	0
Furniture	HVAC	Thermostat Programmable	Per Unit	Existing	3%	15	$	0.63	0
Furniture	HVAC	Waste Heat Recovery	Per Unit	Existing	5%	15	$	2.90	0
Furniture	Indirect	Blowdown Steam Heat Recovery	Per Unit	Existing	1%	15	$	2.60	0
Furniture	Indirect	Economizer	Per Unit	Existing	6%	20	$	6.08	0
Furniture	Indirect	Efficient Boiler	Per Unit	Existing	12%	20	$	1.53	0
Furniture	Indirect	Improved Boiler Insulation	Per Unit	Existing	8%	15	$	6.40	0
Furniture	Indirect	Improved Boiler Load Control	Per Unit	Existing	4%	15	$	1.50	0
Furniture	Indirect	Improved Boiler Process Control	Per Unit	Existing	3%	15	$	1.30	0
Furniture	Indirect	Upgrade Burner Efficiency	Per Unit	Existing	8%	20	$	1.70	0
Furniture	Process	Heat Recovery / Economizer	Per Unit	Existing	3%	15	$	2.90	0
Furniture	Process	Improved Controls	Per Unit	Existing	30%	15	$	0.48	0
Furniture	Process	Steam Trap Maintenance	Per Unit	Existing	13%	2	$	4.60	-
Furniture	Process	Steam Trap Replacement	Per Unit	Existing	15%	2	$	5.60	-
Industrial	HVAC	Duct Repair And Sealing	Per Unit	Existing	3%	18	$	20.10	-
Industrial	HVAC	Efficient Furnace	Per Unit	Existing	17%	20	$	2.75	15
Industrial	HVAC	Thermostat Programmable	Per Unit	Existing	3%	15	$	0.63	9
Industrial	HVAC	Waste Heat Recovery	Per Unit	Existing	5%	15	$	2.90	1
Industrial	Indirect	Blowdown Steam Heat Recovery	Per Unit	Existing	1%	15	$	2.60	0
Industrial	Indirect	Economizer	Per Unit	Existing	6%	20	$	6.08	1
Industrial	Indirect	Efficient Boiler	Per Unit	Existing	12%	20	$	1.53	7
Industrial	Indirect	Improved Boiler Insulation	Per Unit	Existing	8%	15	$	6.40	5
Industrial	Indirect	Improved Boiler Load Control	Per Unit	Existing	4%	15	$	1.50	2
Industrial	Indirect	Improved Boiler Process Control	Per Unit	Existing	3%	15	$	1.30	2
Industrial	Indirect	Upgrade Burner Efficiency	Per Unit	Existing	8%	20	$	1.70	2
Industrial	Process	Heat Recovery / Economizer	Per Unit	Existing	3%	15	$	2.90	1

Industrial	Process	Improved Controls	Per Unit	Existing	30%	15	$	0.48	15
Industrial	Process	Steam Trap Maintenance	Per Unit	Existing	13%	2	$	4.60	-
Industrial	Process	Steam Trap Replacement	Per Unit	Existing	15%	2	$	5.60	-
Instruments	HVAC	Duct Repair And Sealing	Per Unit	Existing	3%	18	$	20.10	-
Instruments	HVAC	Efficient Furnace	Per Unit	Existing	17%	20	$	2.75	0
Instruments	HVAC	Thermostat Programmable	Per Unit	Existing	3%	15	$	0.63	0
Instruments	HVAC	Waste Heat Recovery	Per Unit	Existing	5%	15	$	2.90	0
Instruments	Indirect	Blowdown Steam Heat Recovery	Per Unit	Existing	1%	15	$	2.60	0
Instruments	Indirect	Economizer	Per Unit	Existing	6%	20	$	6.08	0
Instruments	Indirect	Efficient Boiler	Per Unit	Existing	12%	20	$	1.53	0
Instruments	Indirect	Improved Boiler Insulation	Per Unit	Existing	8%	15	$	6.40	0
Instruments	Indirect	Improved Boiler Load Control	Per Unit	Existing	4%	15	$	1.50	0
Instruments	Indirect	Improved Boiler Process Control	Per Unit	Existing	3%	15	$	1.30	0
Instruments	Indirect	Upgrade Burner Efficiency	Per Unit	Existing	8%	20	$	1.70	0
Instruments	Process	Heat Recovery / Economizer	Per Unit	Existing	3%	15	$	2.90	0
Instruments	Process	Improved Controls	Per Unit	Existing	30%	15	$	0.48	0
Instruments	Process	Steam Trap Maintenance	Per Unit	Existing	13%	2	$	4.60	-
Instruments	Process	Steam Trap Replacement	Per Unit	Existing	15%	2	$	5.60	-
Miscellaneo	HVAC	Duct Repair And Sealing	Per Unit	Existing	3%	18	$	20.10	-
Miscellaneo	HVAC	Efficient Furnace	Per Unit	Existing	17%	20	$	2.75	2
Miscellaneo	HVAC	Thermostat Programmable	Per Unit	Existing	3%	15	$	0.63	1
Miscellaneo	HVAC	Waste Heat Recovery	Per Unit	Existing	5%	15	$	2.90	0
Miscellaneo	Indirect	Blowdown Steam Heat Recovery	Per Unit	Existing	1%	15	$	2.60	0
Miscellaneo	Indirect	Economizer	Per Unit	Existing	6%	20	$	6.08	0
Miscellaneo	Indirect	Efficient Boiler	Per Unit	Existing	12%	20	$	1.53	0
Miscellaneo	Indirect	Improved Boiler Insulation	Per Unit	Existing	8%	15	$	6.40	0
Miscellaneo	Indirect	Improved Boiler Load Control	Per Unit	Existing	4%	15	$	1.50	0
Miscellaneo	Indirect	Improved Boiler Process Control	Per Unit	Existing	3%	15	$	1.30	0
Miscellaneo	Indirect	Upgrade Burner Efficiency	Per Unit	Existing	8%	20	$	1.70	0
Miscellaneo	Process	Heat Recovery / Economizer	Per Unit	Existing	3%	15	$	2.90	0
Miscellaneo	Process	Improved Controls	Per Unit	Existing	30%	15	$	0.48	1
Miscellaneo	Process	Steam Trap Maintenance	Per Unit	Existing	13%	2	$	4.60	-
Miscellaneo	Process	Steam Trap Replacement	Per Unit	Existing	15%	2	$	5.60	-
Nonmetallic	HVAC	Duct Repair And Sealing	Per Unit	Existing	3%	18	$	20.10	-
Nonmetallic	HVAC	Efficient Furnace	Per Unit	Existing	17%	20	$	2.75	0
Nonmetallic	HVAC	Thermostat Programmable	Per Unit	Existing	3%	15	$	0.63	0
Nonmetallic	HVAC	Waste Heat Recovery	Per Unit	Existing	5%	15	$	2.90	0
Nonmetallic	Indirect	Blowdown Steam Heat Recovery	Per Unit	Existing	1%	15	$	2.60	0
Nonmetallic	Indirect	Economizer	Per Unit	Existing	6%	20	$	6.08	0

Nonmetallic	Indirect	Efficient Boiler	Per Unit	Existing	12%	20	$	1.53	0
Nonmetallic	Indirect	Improved Boiler Insulation	Per Unit	Existing	8%	15	$	6.40	0
Nonmetallic	Indirect	Improved Boiler Load Control	Per Unit	Existing	4%	15	$	1.50	0
Nonmetallic	Indirect	Improved Boiler Process Control	Per Unit	Existing	3%	15	$	1.30	0
Nonmetallic	Indirect	Upgrade Burner Efficiency	Per Unit	Existing	8%	20	$	1.70	0
Nonmetallic	Process	Efficient Process Furnaces	Per Unit	Existing	7%	25	$	1.33	3
Nonmetallic	Process	Heat Recovery / Economizer	Per Unit	Existing	3%	15	$	2.90	0
Nonmetallic	Process	Improved Controls	Per Unit	Existing	30%	15	$	0.48	4
Nonmetallic	Process	Optimized Furnace Operations	Per Unit	Existing	6%	17	$	0.42	3
Nonmetallic	Process	Oxyfuel	Per Unit	Existing	15%	21	$	1.85	9
Nonmetallic	Process	Steam Trap Maintenance	Per Unit	Existing	13%	2	$	4.60	-
Nonmetallic	Process	Steam Trap Replacement	Per Unit	Existing	15%	2	$	5.60	-
Paper Mfg	HVAC	Duct Repair And Sealing	Per Unit	Existing	3%	18	$	20.10	-
Paper Mfg	HVAC	Efficient Furnace	Per Unit	Existing	17%	20	$	2.75	0
Paper Mfg	HVAC	Thermostat Programmable	Per Unit	Existing	3%	15	$	0.63	0
Paper Mfg	HVAC	Waste Heat Recovery	Per Unit	Existing	5%	15	$	2.90	0
Paper Mfg	Indirect	Blowdown Steam Heat Recovery	Per Unit	Existing	1%	15	$	2.60	0
Paper Mfg	Indirect	Economizer	Per Unit	Existing	6%	20	$	6.08	0
Paper Mfg	Indirect	Efficient Boiler	Per Unit	Existing	12%	20	$	1.53	1
Paper Mfg	Indirect	Efficient Burners	Per Unit	Existing	22%	15	$	0.17	1
Paper Mfg	Indirect	Improved Boiler Insulation	Per Unit	Existing	8%	15	$	6.40	0
Paper Mfg	Indirect	Improved Boiler Load Control	Per Unit	Existing	4%	15	$	1.50	0
Paper Mfg	Indirect	Improved Boiler Process Control	Per Unit	Existing	3%	15	$	1.30	0
Paper Mfg	Indirect	Upgrade Burner Efficiency	Per Unit	Existing	8%	20	$	1.70	0
Paper Mfg	Process	Heat Recovery / Economizer	Per Unit	Existing	3%	15	$	2.90	0
Paper Mfg	Process	High Efficiency Pulping	Per Unit	Existing	16%	20	$	0.01	1
Paper Mfg	Process	Improved Controls	Per Unit	Existing	30%	15	$	0.48	1
Paper Mfg	Process	Steam Trap Maintenance	Per Unit	Existing	13%	2	$	4.60	-
Paper Mfg	Process	Steam Trap Replacement	Per Unit	Existing	15%	2	$	5.60	-
Plastics	HVAC	Duct Repair And Sealing	Per Unit	Existing	3%	18	$	20.10	-
Plastics	HVAC	Efficient Furnace	Per Unit	Existing	17%	20	$	2.75	1
Plastics	HVAC	Thermostat Programmable	Per Unit	Existing	3%	15	$	0.63	0
Plastics	HVAC	Waste Heat Recovery	Per Unit	Existing	5%	15	$	2.90	0
Plastics	Indirect	Blowdown Steam Heat Recovery	Per Unit	Existing	1%	15	$	2.60	0
Plastics	Indirect	Economizer	Per Unit	Existing	6%	20	$	6.08	0
Plastics	Indirect	Efficient Boiler	Per Unit	Existing	12%	20	$	1.53	1
Plastics	Indirect	Improved Boiler Insulation	Per Unit	Existing	8%	15	$	6.40	1
Plastics	Indirect	Improved Boiler Load Control	Per Unit	Existing	4%	15	$	1.50	0
Plastics	Indirect	Improved Boiler Process Control	Per Unit	Existing	3%	15	$	1.30	0

Plastics	Indirect	Upgrade Burner Efficiency	Per Unit	Existing	8%	20	$	1.70	0
Plastics	Process	Efficient Process Furnaces	Per Unit	Existing	7%	25	$	1.33	1
Plastics	Process	Heat Recovery / Economizer	Per Unit	Existing	3%	15	$	2.90	0
Plastics	Process	Improved Controls	Per Unit	Existing	30%	15	$	0.48	3
Plastics	Process	Optimized Furnace Operations	Per Unit	Existing	6%	18	$	0.42	0
Plastics	Process	Steam Trap Maintenance	Per Unit	Existing	13%	2	$	4.60	-
Plastics	Process	Steam Trap Replacement	Per Unit	Existing	15%	2	$	5.60	-
Primary	HVAC	Duct Repair And Sealing	Per Unit	Existing	3%	18	$	20.10	-
Primary	HVAC	Efficient Furnace	Per Unit	Existing	17%	20	$	2.75	1
Primary	HVAC	Thermostat Programmable	Per Unit	Existing	3%	15	$	0.63	0
Primary	HVAC	Waste Heat Recovery	Per Unit	Existing	5%	15	$	2.90	0
Primary	Indirect	Blowdown Steam Heat Recovery	Per Unit	Existing	1%	15	$	2.60	0
Primary	Indirect	Economizer	Per Unit	Existing	6%	20	$	6.08	0
Primary	Indirect	Efficient Boiler	Per Unit	Existing	12%	20	$	1.53	1
Primary	Indirect	Improved Boiler Insulation	Per Unit	Existing	8%	15	$	6.40	0
Primary	Indirect	Improved Boiler Load Control	Per Unit	Existing	4%	15	$	1.50	0
Primary	Indirect	Improved Boiler Process Control	Per Unit	Existing	3%	15	$	1.30	0
Primary	Indirect	Upgrade Burner Efficiency	Per Unit	Existing	8%	20	$	1.70	0
Primary	Process	Efficient Process Furnaces	Per Unit	Existing	7%	25	$	1.33	9
Primary	Process	Heat Recovery / Economizer	Per Unit	Existing	3%	15	$	2.90	1
Primary	Process	Improved Controls	Per Unit	Existing	30%	15	$	0.48	26
Primary	Process	Optimized Furnace Operations	Per Unit	Existing	6%	19	$	0.42	9
Primary	Process	Oxyfuel	Per Unit	Existing	15%	22	$	1.85	4
Primary	Process	Steam Trap Maintenance	Per Unit	Existing	13%	2	$	4.60	-
Primary	Process	Steam Trap Replacement	Per Unit	Existing	15%	2	$	5.60	-
Printing	HVAC	Duct Repair And Sealing	Per Unit	Existing	3%	18	$	20.10	-
Printing	HVAC	Efficient Furnace	Per Unit	Existing	17%	20	$	2.75	1
Printing	HVAC	Thermostat Programmable	Per Unit	Existing	3%	15	$	0.63	1
Printing	HVAC	Waste Heat Recovery	Per Unit	Existing	5%	15	$	2.90	0
Printing	Indirect	Blowdown Steam Heat Recovery	Per Unit	Existing	1%	15	$	2.60	0
Printing	Indirect	Economizer	Per Unit	Existing	6%	20	$	6.08	0
Printing	Indirect	Efficient Boiler	Per Unit	Existing	12%	20	$	1.53	1
Printing	Indirect	Improved Boiler Insulation	Per Unit	Existing	8%	15	$	6.40	0
Printing	Indirect	Improved Boiler Load Control	Per Unit	Existing	4%	15	$	1.50	0
Printing	Indirect	Improved Boiler Process Control	Per Unit	Existing	3%	15	$	1.30	0
Printing	Indirect	Upgrade Burner Efficiency	Per Unit	Existing	8%	20	$	1.70	0
Printing	Process	Efficient Drying	Per Unit	Existing	15%	20	$	4.27	5
Printing	Process	Heat Recovery / Economizer	Per Unit	Existing	3%	15	$	2.90	1
Printing	Process	Improved Controls	Per Unit	Existing	30%	15	$	0.48	8

Printing	Process	Steam Trap Maintenance	Per Unit	Existing	13%	2	$	4.60	-
Printing	Process	Steam Trap Replacement	Per Unit	Existing	15%	2	$	5.60	-
Transportati	HVAC	Duct Repair And Sealing	Per Unit	Existing	3%	18	$	20.10	-
Transportati	HVAC	Efficient Furnace	Per Unit	Existing	17%	20	$	2.75	1
Transportati	HVAC	Thermostat Programmable	Per Unit	Existing	3%	15	$	0.63	1
Transportati	HVAC	Waste Heat Recovery	Per Unit	Existing	5%	15	$	2.90	0
Transportati	Indirect	Blowdown Steam Heat Recovery	Per Unit	Existing	1%	15	$	2.60	0
Transportati	Indirect	Economizer	Per Unit	Existing	6%	20	$	6.08	0
Transportati	Indirect	Efficient Boiler	Per Unit	Existing	12%	20	$	1.53	0
Transportati	Indirect	Improved Boiler Insulation	Per Unit	Existing	8%	15	$	6.40	0
Transportati	Indirect	Improved Boiler Load Control	Per Unit	Existing	4%	15	$	1.50	0
Transportati	Indirect	Improved Boiler Process Control	Per Unit	Existing	3%	15	$	1.30	0
Transportati	Indirect	Upgrade Burner Efficiency	Per Unit	Existing	8%	20	$	1.70	0
Transportati	Process	Heat Recovery / Economizer	Per Unit	Existing	3%	15	$	2.90	0
Transportati	Process	Improved Controls	Per Unit	Existing	30%	15	$	0.48	1
Transportati	Process	Steam Trap Maintenance	Per Unit	Existing	13%	2	$	4.60	-
Transportati	Process	Steam Trap Replacement	Per Unit	Existing	15%	2	$	5.60	-
Wood	HVAC	Duct Repair And Sealing	Per Unit	Existing	3%	18	$	20.10	-
Wood	HVAC	Efficient Furnace	Per Unit	Existing	17%	20	$	2.75	0
Wood	HVAC	Thermostat Programmable	Per Unit	Existing	3%	15	$	0.63	0
Wood	HVAC	Waste Heat Recovery	Per Unit	Existing	5%	15	$	2.90	0
Wood	Indirect	Blowdown Steam Heat Recovery	Per Unit	Existing	1%	15	$	2.60	0
Wood	Indirect	Economizer	Per Unit	Existing	6%	20	$	6.08	0
Wood	Indirect	Efficient Boiler	Per Unit	Existing	12%	20	$	1.53	0
Wood	Indirect	Improved Boiler Insulation	Per Unit	Existing	8%	15	$	6.40	0
Wood	Indirect	Improved Boiler Load Control	Per Unit	Existing	4%	15	$	1.50	0
Wood	Indirect	Improved Boiler Process Control	Per Unit	Existing	3%	15	$	1.30	0
Wood	Indirect	Upgrade Burner Efficiency	Per Unit	Existing	8%	20	$	1.70	0
Wood	Process	Efficient Drying	Per Unit	Existing	15%	20	$	4.27	2
Wood	Process	Heat Recovery / Economizer	Per Unit	Existing	3%	15	$	2.90	0
Wood	Process	Improved Controls	Per Unit	Existing	30%	15	$	0.48	1
Wood	Process	Steam Trap Maintenance	Per Unit	Existing	13%	2	$	4.60	-
Wood	Process	Steam Trap Replacement	Per Unit	Existing	15%	2	$	5.60	-
Total Industrial Gas									1,770